



*Around the World with Orchids*

**FENNELLS ORCHID NEWS**

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Orchid Importers, Growers and Hybridists for 70 Years

**50 CENTS**





*Blc Fleur de Lis page 6*

## *Seventy Years of Orchids*

1958 marks the 70th year The Fennell family have been growing orchids. L. A. Fennell and his mother started out the family orchid business in 1888 in Cynthiana, Ky.

In 1923, family and business moved to Florida to take advantage of the natural growing condition where orchids could be grown outdoors. In 1924 the present Orchid Jungle was started, and has been developed and managed by the Fennell family ever since.

Three generations of Fennells have devoted their lives to orchids and have strived through their interest, training and knowledge to constantly and significantly contribute to the world wide advance of interest in and knowledge about orchids.

The Fennell Orchid Collection has grown from a small hobby collection to what is probably the widest variety ever assembled in one collection in orchid history.

Continuing in the Fennell family tradition, the present owners of the Fennell Orchid Company—2nd and 3rd generations—take pride in presenting this 70th Anniversary issue of the Fennell's ORCHID NEWS. This year we are featuring "Orchids from Around the World"—the widest variety of rare, unusual and fine orchid species and hybrids ever offered by one orchid grower.

## *Around the World with Orchids*

Orchids grow wild around the world. Almost every land region has its own native orchids. They are completely absent only from the driest desert regions, the Polar caps and the snow covered mountain tops. As a matter of fact, there is even an orchid that grows and blooms in the snow above snow-line in the Andes Mountains.

Here at the Orchid Jungle we have been building our collection for many years and now in our "1958 Orchid News" we offer you "Orchids from Around the

World". In the catalog section, you will find listed hundreds of different orchid species and hybrids from all over the tropical world. Now you can shop the orchid markets of the world in one place. Never before has it been possible to choose from such variety—so quickly and conveniently. Be among the first to select from this wonderland of new orchids from all over the world. In orchiddom's fabulous showplace—  
—The Orchid Jungle!

Here are orchids from Africa, Asia, Australia, Central and South American, India, The Pacific Islands, The Philippines and The Indies. Do you yearn for an orchid from darkest Africa or mysterious India? Could we tempt you with a miniature charmer from Tongoland or a giant that produces 12' bloom stems from the Umboluzi Valley in Zululand? You'll find all these and many more listed in this 1958 Orchid News. If by chance you don't find what you're looking for, write to us and ask for it. The chances are we may have just the plant you've been dreaming of but simply haven't listed it in the catalog. We have a great many orchids that we never list because we don't have them in sufficient quantity to list individually.

Come along with us. Take a magic carpet tour of the tropical world. Who knows? along the way you may find an exciting new orchid or two for you and your collection!



*Fine Brasso Hybrids page 6*

Seventy years of orchid interest and knowledge go into bringing these wonderful plants to you and we hope you'll take advantage of some of the outstanding offerings listed here. We would like to help you increase your orchid interest and pleasure as well as your collection—please call on us whenever we can be of service to you!

Whenever you get down this way, please stop in and visit with us at the Orchid Jungle. The Welcome Mat is always out and the Jungle is open EVERY DAY from 8 A.M. to 5:30 P.M. We'll be looking for you, and in the meantime—"The best of orchids to you"

*Dorothy Boggess Fennell  
Tom Fennell, Jr.*

*Unusual cluster Cattleya Hybrids page 7*



## ORCHIDS FROM AFRICA

Africa is often called "The Dark Continent" because it is so mysterious and so little is known about it. This is particularly so regarding the orchids of Africa. Of all tropical areas, Africa has contributed the fewest orchids to cultivation. The ancestors of our modern hybrids and the many species that are commonly grown today almost all come either from Tropical America or from the regions from India to the Philippines. When one becomes curious and tries to find out about African orchids, it soon becomes apparent that little is known of the subject, yet it certainly seems hard to believe that such a vast tropical area doesn't have its own share of these plants, which are quite commonly distributed throughout most of the tropical world.

We had almost given up hope of finding out about and of acquiring any number of African plants when we finally made contact with reliable collectors in two orchid-rich regions of Africa—Kenya and Zululand. Now at last we are beginning to build up an interesting and varied collection of these rare and exotic African Orchids.

Those that have flowered so far have been very interesting and different—well worth adding to any collection. They seem well suited for growing along with our other orchids and have proven easy to grow. They should grow in the home or in a warm greenhouse.

In the past year, we have imported over two thousand plants from Africa in a wide variety of types. Those that we have in sufficient quantity and which have become established well enough to distribute FOR THE FIRST TIME in ORCHID HISTORY ARE: *Acampe pachyglotta*, *Aerangis Kotschyana* & *Myrtidictis*, *Ansellia Africana* & *gigantea*, *Cystorchis aruata* and another unidentified species and *Mystacidium Capense*.

Complete descriptions, growing hints, sizes and prices are listed under their alphabetical listings in the catalog. See also the African Orchid Collection at a very special introductory price, listed on page

Don't miss the chance to be one of the very first to add these RARE orchids to your collection. Supply is definitely limited, so order today or you may miss out.

In addition to the plants, we have also a very fascinating hour-long slide lecture on "Orchid Collecting Safari into Deepest Africa" which is now available for public distribution. Details on page under the Slide Lecture Listings.

## ORCHID SLIDE TALKS AND MOVIES

This year, we have added to our Slide Talks and now have a well rounded and very interesting series of SLIDE TALKS AND MOVIES, available to our customers, orchid societies, garden clubs and other interested groups. These talks cover a wide range of subjects (listed below) and are each suitable for a program for any group.

Each talk is planned to last 30 to 45 minutes and a complete script accompanies each set of slides.

We have only one set of slides for each topic so please write well in advance to reserve them for the date you will need them. To help defray the cost of making up these talks and keeping them in good shape we are making a service charge of \$2.50 per talk and if the slides and script are not returned within 2 weeks you will be billed \$25.00 for the slides.

Try one of these Slide Talks—we think you'll like them and hope you will want to see and hear them all.

Subjects: No. 1—Introduction to the Orchid Family, No. 2—Orchids You Can Grow at Home and How to Grow Them, No. 3—African Orchid Safari (1 hour—\$5.00 fee), No. 4—Dendrobiums, No. 5—Cattleya Group, No. 6—Phalaenopsis, No. 7—Vandas, No. 8—Botanichia Orchids, No. 9—Ways to Pot and Mount Orchids, No. 10—Orchid Corsages and Arrangements.

**A NEW MOVIE**—We also have a very fine new movie that we feel is really outstanding—it is time lapse photography of orchid flowers opening—ultra slow motion studies of several different kinds of orchids, showing development of buds and bloom stems from beginning to full bloom. Reveals some of nature's secrets in fascinating detail. About 300 ft.—15 minutes—16 mm. silent, with script. Should be shown at least twice at any one showing to give audience a chance to really appreciate the details. Only one copy. Reserve well ahead of time. Fee \$10.00.

## HOW DO YOU DO IT?

## AN ORCHID GROWER'S CONTEST

Many of our customers write in about their individual problems of orchid growing and how they meet and solve them. Through the years many of these ingenious methods and inventions have proven of interest and use to us in helping other customers to

improve their orchid growing too. We are sure that many others of you have developed your own "ways of doing things" and come up with many "gimmicks" to improve your orchid culture to adapt it to your own home conditions, or to increase your orchid pleasure and decrease your orchid work. We want to know about any such innovations and we're sure that many of our other customers will be interested too.

To make it worthwhile for you, we've designed a contest with some really wonderful prizes and we hope you'll enter and win one of them.

- 1st Place Prize—Gift certificate for \$35.00 worth of plants from this catalog.
- 2nd Place Prizes—Gift certificates for \$25.00 worth of plants from this catalog.
- 3rd Place Prizes—Gift certificates for \$15.00 worth of plants from this catalog.
- 5th Place Prizes—Your choice of any \$8.50 plant in this catalog.

## THE RULES OF THE CONTEST

1. Simply write to us about "HOW I DO IT . . ." in as few words as possible on any piece of old ordinary that you feel is different or out of the ordinary and which you feel will be of interest and help to other growers. Tell how or where you grow your orchids, display your plants in bloom, make additional room for a growing collection, use of pot, water, feed, give light and ventilation. Describe do-it-yourself growing area or greenhouse and plant rooms that you have designed and built; show time, labor or space saving gimmicks you have invented; or new and more attractive containers you use.
- In short, if you have come up with anything new in the orchid hobby, share it with us so that we can pass it on to other orchid enthusiasts too.
2. Photos or drawings, where helpful to illustrate the methods or apparatus will be greatly appreciated and will surely help the judges make their decisions. All photos or drawings should be clear and large enough to examine carefully.
3. All entries should be on a separate sheet or sheets of paper and should be marked with the name of each page, "Contest Entry" followed by your name and address.
4. All entries and any accompanying photos or drawings will become the property of the Fennell Orchid Company, and it is understood that they or the materials contained in them may be illustrated, reprinted and/or displayed by the Fennell Orchid Company without any further permission from the entrant.
5. The winner will be selected by the Fennell Orchid Company.
6. Judges' decisions will be final and no appeals will be allowed.
7. Contest closes July 31st, 1958. No entries will be accepted thereafter.
8. Winning entrants will be notified before Oct. 1st and a list of winners will be published in a subsequent publication of the Fennell Orchid Company.
9. Prizes will be shipped postpaid to the winners at their convenience and direction any time in 1958.

**ENTER NOW  
PASS ALONG YOUR ORCHID KNOWLEDGE  
AND WIN ONE OF THESE  
WONDERFUL PRIZES  
FOR YOURSELF!**

## LOW COST GREENHOUSES

## NOW YOU CAN DO IT-YOURSELF

Modern chemistry has recently come up with new materials that open new horizons to the home gardener, who has always wanted a greenhouse but heretofore couldn't afford one. Several of the new plastic sheeting materials can be used to build home greenhouses very easily and inexpensively.

There is only one serious drawback. These plastics do not last very long when exposed to outdoor weather conditions, and you must be prepared to replace the plastic sheeting every summer or, at best, every other summer. It is probably safer to plan on replacing the plastic every summer in the late summer months, as it would be unfortunate indeed to find out that the plastic was giving out during the winter months of the second year. Luckily, some of these plastics are very inexpensive and the cost of replacing the sheeting every year is almost negligible.

Least expensive of these plastic sheetings is polyethylene. It comes in a variety of thicknesses and widths and can be purchased either in large sheets or in rolls of almost any length. It is almost as clear as glass and transmits light very well. Unfortunately, this polyethylene seems to deteriorate more rapidly in weather too, and must be replaced every year.

Probably best for inexpensive greenhouse building is the Vinyl sheeting manufactured by the Bakelite Corporation under the trade name of "Krene". This is slightly more expensive than polyethylene, but lasts better under weathering and seems to be a tougher material that does not tear or rip so easily. It is a light grayish or bluish white in color, and while not so clear as the polyethylene, it does transmit plenty of light for orchids and other plants and it has the added ability to diffuse the light so well that plants do not suffer from sunburn under it, even in the brightest conditions.

Other plastics—much stiffer than these other two and more like celluloid in appearance—are now available under the names of Poly-flex and Sisal glaze. These are quite clear and, though original claims were for extended life under outdoor conditions, there now seems to be some doubt about how much longer they will last than the less expensive sheetings mentioned above.

Still another new plastic has just been announced for greenhouse building. It seems just as clear as polyethylene but much more

Continued on page 19



The recent development of successful orchid growing under artificial lights opens up whole new horizons to the home orchid grower. Do you need more space for your orchids? If you can't afford a new greenhouse, or don't have a place to build one, then you might consider growing your orchids in the attic or basement! It can be done! Orchids will bloom without any sunlight at all if you give them enough artificial light of the proper kind and, if your other growing conditions are suitable for them.

Almost everyone has vacant and unused space in the basement or attic. This space can be converted into a suitable place for your orchids, but don't go off half-cocked. Plan carefully and be sure that you can give the orchids the growing conditions they need:

**Temperature:** In range from 55° F. to 85° F. Preferably above 65° F.

**Humidity:** From 40% to 70% relative humidity. The regular Fennell cake-pan method as outlined in the general growing instructions on page 2, paragraph 5 works fine. If you don't have a separate room you want to devote to such high humidity, you can simply fence off a section of room with curtains of the new inexpensive polyethylene and vinyl plastic sheetings.

**Air:** Orchids like ventilation and your basement or attic room is likely to be stuffy or muggy. This stagnant condition can easily be rectified by placing two small fans in the room in the corners, diagonally opposite from each other with one blowing down along one wall and the other blowing in the opposite direction down the parallel wall, thus insuring a constant circulation of air in the area. Many growers are now installing such fans, even in their greenhouses, and claim great benefits.

**Light:** A great deal of light intensity is necessary for proper growth and flowering. The plants actually derive energy from the light and need lots of it to grow well. You should give as much light as possible without burning the plants.

Lights must be close to the plants, usually within one foot of the leaves. Use both fluorescent lights and incandescent lights to get the proper spectrum. Good reflectors increase light intensity.

The hours of light used is also important as many orchids determine their blooming season by changes in day length. The best plan is to shorten and lengthen the days according to the natural seasonal changes out-of-doors. An electric time clock is essential equipment for this job as it can be set up to turn lights on and off automatically for you, and can also be easily reset from time to time to shorten or lengthen the daylight hours.

For more details on how to convert your attic or basement to an orchid room see page 4, columns 2 and 3 of our '57 Orchid News and the follow-up on growing orchids under artificial light in this issue of the Orchid News. We also have an Information Sheet on *Orchids Under Artificial Light* giving more specific details and some how-to-do-it sketches available for 25c postpaid.

**Remember**—the use of artificial light in orchid growing is still in the experimental stage and no one claims that it is better than sunlight. If you have space for your orchids in a sunny location, either in your home or in a greenhouse, they will undoubtedly do better there. Artificial light, however, can be used successfully if sunlight is not available. You can use it simply to supplement sunlight in dark, gloomy weather or in windows which only get a little sun, or you can use it in a set-up where the plants get no other light, if you design it to give plenty of light intensity. If you have a choice, use sunlight. If you don't have sun, then artificial light is a workable second choice.

## ORCHIDS ON THE COVER

Top Left: *Vanda Hybrids* page 13

Top Center: *Laeliocattleya Autumn Yellow*

Top Right: *Ansellia Africana*. Rare and very showy new orchid listed for the first time on page 6

Lower Left: *Phalaenopsis Doris Hybrids* page 12

Lower Center: *Epidendrums* and *Brassias*

Lower Right: *Primary Brasso-Cattleya Hybrids*

## GROWING ORCHIDS UNDER

### ARTIFICIAL LIGHT

Last year in the '57 edition of the Orchid News, we printed a composite on what information we could find on growing orchids under artificial light. Since then we have had many letters from growers all over the country giving details of their experiences and set-ups for the artificial-light growing of orchids. Briefly outlined below are some of these details. We hope you will find them of interest and help. Of most interest to us was the realization that many people are now growing orchids either partially or wholly under artificial light and succeeding. Orchids will bloom under artificial light!

### INTENSITY OF LIGHT IS MOST IMPORTANT

The plants derive energy from the light, so light must be strong.

Light intensity varies inversely with the distance from light to subject. Therefore lights must be close to the plants. Move the light twice as far from the plants and you have only ¼ as much intensity. Most growers recommend light bulbs of fluorescent types to be only 6 inches to 1 foot above plants.

Incandescent lights put out enough heat to burn foliage so must be watched carefully. Use of 40 Watt bulbs about one foot to 18 inches above leaves is recommended.

### TYPE OF LIGHT

Best results have been obtained from use of standard cool white fluorescent bulbs in conjunction with regular 40 Watt incandescent light bulbs in the ratio of one incandescent bulb to two fluorescent bulbs. For seedlings, *Cypripediums* and *Phalaenopsis* and other orchids requiring relatively low intensity, standard fluorescent fixtures with two bulbs to a reflector can be used, mounting the incandescent lights between the reflectors and installing enough units to cover the whole area to be devoted to plants. Only the plants directly below lights will do well. Ones out to the side do not get enough spillage of light to do well. Lights should be kept about 12 to 18 inches above the plant. For *Cattleyas*, *Vandas*, *Dendrobiums*, *Oncidiums*, *Epidendrums* and other which require bright light, the bulbs should be mounted on plywood,

## BARK POTTING

1. Bark must be wet before potting. A small amount of regular household detergent in the water makes it easier and quicker to wet and makes it much easier to water the plants during the first few weeks, until the bark begins to hold the water.

2. The fungicidal qualities of bark were much overrated in the beginning and now little or no such fungicidal action seems apparent. As a matter of fact, it seems definitely advisable to sterilize the bark before using and our bark is now sterilized before shipping. Many growers add a fungicide to the water used to soak the bark before potting. Mathieson's Terracolor 75% is a good product for this purpose.

3. Early reports indicated that orchids in bark needed a great deal of water. Some reports even said it was almost impossible to over water plants in bark. This is definitely not so! Bark drains quickly and dries quickly only for the first few weeks after potting. Then it soon starts to settle and pack and within 4 to 6 weeks becomes quite tight and will hold water almost as long as osmundas. If kept wet, the roots will rot so the bark must be allowed to dry out between waterings. We let it get dusty dry on top and down to a depth of about ¾ to 1 inch before we water. This seems to produce best root action. Don't dry it out all the way through the pot, however, as it is then hard to get wet through again.

painted white with glossy enamel. Fluorescent bulbs should be mounted about 4", center to center, in parallel rows and the incandescent lights should be mounted between them. If these lights are no more than 1 foot above the plants, they will deliver about 1000 foot candles.

For more details, reread the article on Artificial Light in our '57 Orchid News, page 4, columns 2 and 3, or send for our information sheet on *Orchids Under Artificial Light*—25c postpaid.

## How to Read This Catalog

This year our catalog is arranged differently—the following comments may make it easier to read and understand.

All orchids are listed alphabetically by name. At the beginning of each new group we have written a brief introduction telling about that particular group and if they have any special or unusual characteristics or special cultural needs we have tried to tell you about them there. If no special growing instructions are given, then the general growing instructions on page 2 apply.

About half of the plants listed in the catalog are still potted in osmunda fibre—about half have been repotted into bark. We plan to continue shifting into bark during our normal repotting this year, and so we are not listing the plants as to potting materials. Some of those shipped to you will be in osmunda, others in bark.

### Sizes and Prices

Most of these plants are available in several sizes and prices. First you will notice that pot sizes are given. These sizes are only general or average as we are constantly repotting but most of the plants will be in the sizes listed or in larger sized pots.

Seedlings are priced according to size and the overall height of the plants are given in each case so that you will know what size plants you can expect at each price.

Mature plants are listed as such and usually with the size indicated as 1 lead, 2 lead, etc. A one lead plant is a single plant that can be expected to bloom this year with one stem of flowers. A two lead plant should produce two stems and so on.

A few abbreviations have been used for commonly re-occurring words such as: lav for lavender; PW for pure white; WPL for white with purple lip; S & P for sepals and petals.

## ORCHID SEED, SEEDLINGS IN FLASKS & COMMUNITIES

We always have a large stock of seed, flasks and community seedlings available, but do not list them in this annual catalog, because they are shifted too rapidly from stage to stage. If you are interested in Orchids in these stages, please write to us, —tell us what types, in general, you are interested in and we'll be glad to send you a list of what we have available at that time.

## ACAMPE

Vandaceous, monopodial from Africa and Asia. — Very easy to grow — culture like Vandas. Very Rare — Miniature flowers.

### ACAMPE PACHYGLOSSA

Leaves V-shaped heavy and stiff 4 to 6" long. Plants stand 4 to 8" high. Flowers  $\frac{3}{4}$ " yellow with bright reddish stripes, carried many in tight ball about 3" in diameter on short stem. Africa.

4 $\frac{1}{2}$ -5" pots 2-3 prs. leaves, small

mature ..... \$10.00

4 $\frac{1}{2}$ -7" pots 3-5 prs. leaves, mature ..... \$15.00

## AERANGIS

Epiphytic, monopodials from Africa resemble Phalaenopsis in growth habit and culture. Closely related to the Angraecums and have green and white flowers with long tail-like spur pendant from back of the lip. Central stem is short—leaves are broad and striped or spotted edges undulant and scalloped.

### AERANGIS KOTSCHYANA

Plants are small blooming size now but will eventually grow to reach total width of 12 to 14" across — leaves fleshy light grayish green — flowers creamy white about 2 $\frac{1}{2}$ " across — 10" tail — up to 12 on arching pendant stem — VERY RARE yet easy to grow.

4" pots 2-3 leaves — 3-4" across ..... \$8 .50

4-5" pots 3-5 leaves — 5-7" across \$12.50

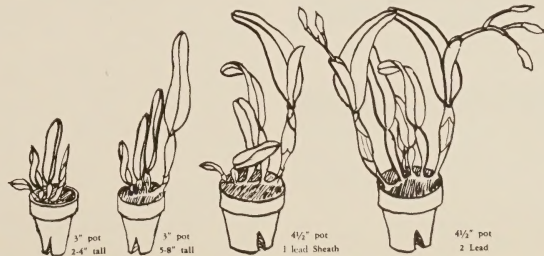
### AERANGIS MYSTACIDIÆ

Very rare dwarf species — leaves dark blue green, glossy and striped — bloom with up to 4 stems — 4 to 8" long with 8 to 20 flws.  $\frac{3}{8}$ " dia. with 2" tail — creamy white & waxy.

3" pots — 3-4 leaves — 3-4" across

mature ..... \$ 8.50

4" pots — 4-6 leaves 5-6" across ..... \$12.50



## AERIDES

The *Aerides* are Vanda relatives and grow like them except that they do better with more shade. Plants are lush growers — main stem usually curves and grows in semipendant fashion, rather than straight up.

### AERIDES HERMAN SLADE (A. Fieldingii x A. Lawrenceae)

Very prolific bloomer — long arching & pendant sprays of 1 $\frac{1}{2}$ " bright lavender-pink fragrant flowers—long lasting—plant branches freely — makes lovely specimen in few years — spring & summer.

6-8" pots — mature single plant ..... \$27.50

### AERIDES LAWRENCIAE

New Imported — Philippines — leaves somewhat scarred & broken but rooting well — Flowers 1 $\frac{1}{2}$  to 2" — many on 1 foot arching stem S & P yellowish or greenish white tipped with purple — spur tipped green — lip purple — fragrant.

5-7" pots — mature — newly collected ..... \$12.98

### AERIDES ODORATUM (India & China)

Odoratum has long drooping bloom stems with many flowers 1 to 1 $\frac{1}{2}$ " — lavender and white — shaped like elephant head — very fragrant — Spring.

6" pots fir bark small mature \$ 8.50

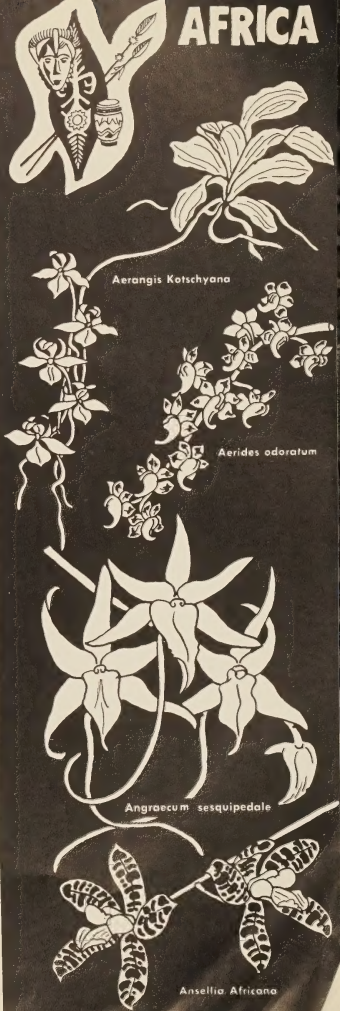
6" pots fir bark larger \$12.50

## ANGRAECUM

from Africa and Madagascar—Vanda relatives—grow in charcoal and osmunda—want  $\frac{1}{2}$  sun—lots of water and food—very rare and stunning—true collectors items.

### ANGRAECUM SESQUIPEDALE — DARWIN'S ORCHID

RARE—EXOTIC—CAPTIVATING—a collectors item for the connoisseur. Flowers: 5-6", 2 to 5 per stem, with the unusual tail or spur on the lip which is from 12-18" long—







light, clear, glistening, green color—very heavy substance—long lasting. Plants: raised from seed imported from Africa—leaves naturally ridged—grayish green color.

5-6" pots small mature ..... \$30.00  
larger mature ..... \$45.00

## ANSELLIA

A very showy Genus from Africa—sympodial epiphytes that thrive under normal cattleya conditions but will do even better under Vanda-type culture. Tall cane-like bulbs resembling Dendrobiums or even more like Cyrtopodium. Flower stems long & branching—flowers about 2" across—20 to 250 on a stem.

### ANSELLIA AFRICANA

The most exotic & gorgeous of this group. Flowers about 2" across—deep golden with dark, almost black chocolate brown markings.

4½ to 5" pots—small mature ..... \$30.00  
5-6" pots—larger plants ..... \$50.00

### ANSELLIA GIGANTEA

Small blooming size plants from 14 to 20" tall—can be grown into large specimens—very easy to grow & flower—flowers about 1½" across—light yellow spotted brown.

4½"—8" small mature—1-2 lead ..... \$20.00  
larger ..... \$30.00  
large ..... \$40.00

### ANSELLIA GIGANTEA var LUTEA

Same as above but with pure yellow fls. Same sizes and prices.

## ARACHNIS—Vanda Relative

tall, slender, climbing vine type plant from Asia—some will bloom indoors in home or greenhouse but do best in ground beds in full sun in sub-tropics and tropics. Several species & hybrids available—list with names & descriptions, sizes & prices on request. From Ceylon & Malaya.

## ARANDA

bigeneric hybrids: Arachnis x Vanda  
List of those available with descriptions, sizes & prices on request.

## BLETIA

Terrestrial, bulbous, deciduous plants from Tropical America—very easy to grow. Will do well almost anywhere—thrive in full sun or ½ shade. Large plants stay in bloom for months—want lots of water and food while growing.

### BLETIA purpurea

Tall branching stems of bright royal purple flowers about 1" across blooms—Winter and Spring—Deciduous—Extremely easy to

grow as pot-plant—well suited for window sill culture—a fine bedding plant in the tropics in soil.

4" pots Mature ..... \$ 1.98  
10" bulb pans 8-12 plants ..... \$12.98

## BRASSAVOLA

Relatives of the Cattleyas and Laelias—much used in breeding with cattleyas for shape of lip—all are green and white—can stand full sun but do well indoors in half sun—from Central and South America.

### BRASSAVOLA ACAULIS

Unusual & rare species from Panama—leaves long 24 to 36"—terete & pendulous. Flowers borne 1-4 on short horizontal stem—edge of pot—very heavy & crisp-lip veined—heart shape, white—S & P's greenish 4" across.

4-5" pots mature ..... \$10.00

### BRASSAVOLA DIGBYANA

Rare species from Honduras. Flower: green, large and well held, immense—very frilly lip. Plant: newly collected—a rough looking but well rooted and established.

4½ to 6" pots 1 lead ..... \$15.00  
2-3 lead ..... \$20.00

on cork bark slabs

### B. NODOSA

"Lady of the Night"—named so because of heavy sweet fragrance—mostly at night. Blooms anytime but mostly spring. Flowers: heart shaped white lip with long tube and greenish white s & p—sometimes spotted—3 to 10 per stem Winter and Spring. Plants: heavy dark green—terete leaves—compact newly imported—just potted—strong—look good.

3-4" pot single ..... \$ 5.00  
double ..... \$ 7.50

## BRASSIA

Relatives of Oncidium from Central and South America—have large very spidery flowers—striking and unusual. Flower shape is graceful and arrangement back to back in carefully aligned rows is very attractive. One of most popular "botanicals" here at the jungle.

### BRASSIA GIROUDEANA—Panama

Long-spider flowers in chartreuse spotted and banded bright brown carried in 2 ranks back to back in a lace and beautifully arched bloom stem. Always cause a sensation when in bloom—Spring—strong grower.

4½ to 5" 1 lead ..... \$ 6.50 to 8.50  
5 to 6" 2-3 lead ..... \$10.00 to 12.50

### BRASSIA MACULATA—CAPTIVATING

These creamy yellow and rust-brown spidery flowers will add a dash of spice to any collection—arching sprays with up to 20 flowers—in bloom Winter and Spring—

Plants nice—strong new growths to flower this year.

4½ to 5" pots 1 lead ..... \$ 6.50  
2 lead ..... \$8.50 and \$10.00

## BRASSO-CATTLEYAS—Bc

Bigeneric hybrids of Brassavola and Cattleya—usually have large and very frilly lip which is result of breeding from B. Digbyana—many will bloom 2-3 times a year.

### BC DIADEM (C. Eleanore alba x B. Digbyana)

Largest white Brasso—blooms twice yearly. Flower: very large—well held—immense frilly lip—"hot white" occasional purple splash in lip—yellow center. Plants: naturally slender—leaves often reddish.

4½" pots 1 lead ..... \$25.00  
2 lead ..... \$35.00

### BC ELAINE (C. Remy Chollet x Bc Hartland)

A MASSIVE—FREE FLOWERING WINTER DARK. Flowers of top quality—should result from this mating of two such well known and proven parents—many Exhibition flowers are expected—seedlings have been free growing and very husky.

3" pots 8-10" fls ..... \$ 8.50  
Should bloom within a year ..... \$15.00  
1st sheath ..... \$25.00

## BRASSO-LAELIO-CATTLEYA—Blc

Trigeneric hybrids of Brassavola x Laelia x Cattleya—usually are large and with a frilly or deeply ruffled lip.

### BLC DOROTHY FENNEL (C. trianae var Naranja x Blc Alfred Mallet)

One of best modern hybrids. Flowers are fine, large, well held, heavy and of fine form with large frilly lips—s & p's are broad and crispy held. Plants are sturdy dependable growers. Blooms last winter.

4½" pots 1 lead ..... \$30.00  
8" pots 2 lead ..... \$40.00

Selected fine varieties \$50.00 and up—descriptions on request.

### BLC DOROTHY JONES (Blc Nanette x C. White Empress)

A really fine flower—most are white or nearly so but like all white Brasso hybrids, some are bluish white or light lavender—some have a purple lip—all are large, frilly, of fine shape, heavy substance—well held—vigorous growers. Bloom 2 and 3 times a year. Fall-winter, various.

4" pot 1 lead ..... \$25.00  
6" pot 2 lead ..... \$35.00

3 lead ..... \$45.00

### BLC FLEUR de LIS (Lc Helen Wilmer x Bc Imperialis)

Award winners—some of these are bound to

Brassavola acaulis

Brassavola Digbyana

Brassia Giroudeana

be. Flowers: exceptionally fine shape and substance - good, clear colors - med to dark lavender with contrasting yellow and purple large ruffled lip. Plants: strong and thrifty - compact, most blooming for 1st and 2nd time.

4" pot 1 lead	\$30.00
6" pot 2 lead	\$45.00
Selected fine varieties	\$75.00

#### BLC JUNGLE GLORY (Bl Helen x C. Bowringiana)

This one is different and very attractive - a cluster type Brasso with large and frilly lip - 3% to 5% flowers, 4 to 8 per stem - color is dark lavender all over - lip is the same color as s & p's - tall, slender but vigorous young plants.

4" pots should bloom in 12-18 mo	\$ 8.50
4% to 6" pots 1 lead	\$17.50
2 lead	\$25.00

#### BLC KENNETH (Le Wellsiana x B. Digbyana)

Flower: white or light blush - large, well-held. Large, very fringed lip and some have lavender splash in lip - fragrant - 2-3 times a year. Plants: tall and slender - leaves dark.

4% to 6" pot 1 lead	\$25.00
2 lead	\$35.00

#### BLC LEONARDI (Bl Helen x C. Mossiae)

Very nice brasso - lacy, fringed lip - dark lavender - purple with bright chartreuse center - very good substance and shape for a primary brasso - Spring and variegated.

4" pot 1st sheath	\$17.50
6" pot 2 lead	\$25.00

#### BLC WAGNETTE (Blc Nanette x C. Mossiae Wagneri)

One of the best Nanette crosses - show stony flower: most of fine whites or barely blushed - large, full shape - heavy, well held and fragrant, blooms 2-3 times a year. Plants: very strong, good grower.

4% pot 1 lead	\$30.00
6" pot 2 lead	\$40.00
3 lead	\$50.00

#### • (Be Daffodil x Le Kenosha)

Petite and lovely - a heart warmer - Flowers: 3-4", 2 to 6 per stem - fresh and crisp - long lasting - cream to yellow and orange - some have bright purple lip - Spring. Plants: medium size - strong grower - bifoliate.

4% to 6" pots 1 lead	\$17.50
2 lead	\$25.00
3 lead	\$30.00

#### • (Be Daffodil x Le Autumn Yellow)

The charming all-over pure yellow Be Daffodil of heavy waxy substance & dwarf growth crossed with our finest large & strong growing deep golden Le Autumn Yellow with only a touch of crimson in the lip should result in very fine medium sized heavy pure yellows of unusual shape & much

charm - vigorous husky young plants.

3" pots 3-4" tall	\$35.00
5-7" tall	\$45.00
8-10" tall-bloom in 12 mos	\$75.00

#### • Be Cliftonia x Le Monarch

Two fine large lavender of good form and substance and with tremendous dark lips combined to produce a fine large flower for Winter and Spring - strong young plants.

3" pots 5 to 7" tall	\$45.00
10 to 12" tall	\$75.00

#### • (Le Ishtar x Be Heather Queen) x C. Whitlock Fennell

Should be some award winners here! Two large and fancy lavenders crossed to make a Fall and Winter hybrid you'll all want in your collection. Admirable young plants.

3" pots 5 to 7" tall	\$ 5.00
8 to 10" tall	\$ 7.00
11 to 14" tall	\$10.00

#### • Le Golden Madonna Aurea x Bc Medbar

Yellows of finest quality - both parents were exceptional - dark clear yellows with brilliant dark maroon and gold lips - of heavy substance and good form - a winner and tall. These seedlings have been fast and willing growers.

4-4% pots 8-10" tall	\$ 8.50
4-6" pots 11-14" tall to bloom within the year	\$15.00
4-6" pots 2 & 3 lead to bloom this year	\$25.00

#### • (L. anceps x Bc Dorothea Fennell)

Very popular - unusual new hybrid - 4-5" flowers - crisp, perky, anceps-like star shape - all shades of lavender - frilled and fluted lip - 3-8 flowers on long arching stem - very vigorous strong plants, 2-3 times a year.

4-6" pots 1 lead	\$15.00
2 lead	\$22.50

## CATASETUM

GROTESQUE & UNUSUAL ORCHIDS from Central America - related to Cycloches & Monardas. Deciduous sympodial epiphytes or semi-terrestrials often found growing on rocks & cliffs in the wild - orchid oddities that should be in every collection as conversation pieces.

#### C. OERSTEDII - Panama

WEIRD AND SURPRISING. Flower: 2-3", 6 to 12 per stem, very heavy and fleshy, green with dark brownish-black center, pollen arranged on spring with a trigger - shoots several feet when trigger is sprung. Plants: large fat bulbs, white papery sheathing, completely deciduous during winter.

4-5" pots mature 2-3 bulbs	\$8.50
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#### C. VIRIDIFLAVUM - British Honduras

Plant & flower similar to above except that flowers is clear yellow, chartreuse & green. Large vigorous plants - deciduous.

5-8" pots mature 2-3 bulbs	\$ 8.50
larger specimens	\$15.00

## CATTLEYA

Best known of all orchids - the large lavender corsage orchid - actually comes in all sizes and colors - are very tough plants and are easy to grow - recommended highly for beginners. We have a tremendous collection of cattleya species and hybrids but list here only those we have in some quantity. If you are looking for any particular one and do not find it listed please write and ask about it. The chances are we will be able to quote it to you on an individual plant basis. From Tropical America.

#### C. AMETHYSTOGLORRA

The "polka-dotted cattleya" - flowers 3 to 4", up to 14 on stem, background color clear bright pink with vivid dark red sold dots of amethyst, lip - amethyst too, very heavy substance, sturdy young seedlings.

3" pots 3 to 5" tall	\$3.50
6 to 8" tall	\$5.00
9 to 11" tall	\$7.50

#### C. CATHERINE PATTERSON (C. Enid alba x C. Mrs. Fred Knollys)

Exceptionally fine. Flowers: Large, heavy, well held - many are quite round and well shaped - bloom 2-3 times a year. Plants: strong growers - branch freely.

4% to 6" pots 1 lead	\$25.00
2 lead	\$35.00

#### C. EMPRESS FREDERICK (C. Dowiana x C. Mossiae)

One of the fine old hybrids - strong plants floriferous - most are very dark, bright, reddish-purple, well held flowers of good shape and substance - some are white with crimson or purple lip and a few are cream or yellow with a crimson on purple lip.

4% pots 1 lead	\$12.50
6" pots 2 lead	\$17.50

Selected fine dark reddish wine to red purple, 1 lead

3% pots	\$35.00
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#### C. EVAMAY PATTERSON (C. Intertexta var Juliette x C. trianae var Broomhills)

A truly elegant winter white. Flowers: fine shape - well held - large and heavy - fresh glistening texture. Plants: exceptional growers - strong and branch freely.

4% to 6" pots 1 lead	\$25.00
2 lead	\$35.00

#### C. GASKELLIANA

THE "GRADUATION ORCHID". Flower: blooms May to July. Free flowering - deeply held lavender of long lasting quality. Plants: very compact and sturdy - one of the most foolproof orchids for beginners - dependable grower and bloomer year after year. Plants branch very freely.

4% to 7" pots 1 lead	\$ 8.50
2-3 leads	\$15.00
4-5 leads	\$20.00

#### C. LODGESEII "FENNEL STRAIN"(C.

#### Lodgesii x C. Lodgesii)

This is an extra fine strain raised from seed to produce flowers of exceptional color and shape - many are a vivid, deep purple with golden yellow in the throat - all have exceptionally broad s & p's and are very heavy - when mature will produce up to 14 flowers per stem. Plants: slender, twisted bulbs.

4-4% pots 1 lead, small	\$10.00
1 lead, medium	\$12.50
1 lead, large	\$17.50
2 lead, large	\$25.00

Selected extra dark and full, smallish plants

2 lead	\$25.00
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#### C. MLLE. LOUISE PAUWELS (C. Edithae x Intertexta Juliette)

Flower: a good white - very floriferous - 3-6 per stem, 2 & 3 times a year - mostly winter and spring - Plants: strong and vigorous.

4% to 6" pots 1 lead	\$20.00
2 lead	\$30.00
3 lead	\$40.00

#### C. MAXIMA

Very Popular and Unusual - one of the rarest of cattleya species - 3% to 5% flowers, 3 to 12 per stem - lavender, many dark and bright with strikingly striped lip - deep purple stripes on white and yellow background - slender but vigorous young plants, raised from seed.

3" pots Bloom in 12-18 months	\$ 7.50
4-5" pots 1 lead	\$12.50
2 lead	\$17.50

#### C. MORE LOU (C. Irene x C. Bobbie Jewell)

Vigorous young plants of fine new pure white hybrid - prominent golden yellow throat - well held, good substance and lasting quality.

4% pots 1 lead	\$15.00
6" pots 2 lead	\$20.00

#### C. PITTIANA (C. Dowiana x C. granulosula)

Charming and Distinctive. Form and color are Different and fascinating. Lip is spade shaped - not tubular. Colors range through all shades of yellow, bronze and brown to deep mahogany - with crimson lip. Substance is remarkable. Blooms 2 to 8 per stem, 4% to 5% summer, fall. Plants: newly potted - rooting well - naturally tall and slender - bifoliate leaves - somewhat twisted and ribbed.

4% 5" pots small front division - well rooted - 3 bulbs	\$15.00
4% 7" pots Mature, 1 lead	\$25.00
Extra large 1 lead	\$30.00
2 lead	\$35.00

Dark Mahogany-brown selections

#### C. SKINNERII "AUTUMNALIS"

Also known as C. Deckeri - a fall blooming form of the ever popular Skinnerii. Has larger, flatter, heavier and better held flower.



ers than spring blooming form lip opens fully and flowers lasts well. Grows like a weed and will make tremendous, very showy specimens quickly and easily.

4½" pots newly collected ..... \$ 6.98  
4½-6" pots established one year  
maturing ..... \$2.50  
2 lead ..... \$12.50

**C. ST. PETERSBURG (C. Claris) (C. Clementine Goldfarb x C. Eucharis alba)**  
**ALL AROUND BEST WHITE.** "Grownest-Bloominest" white we know. Flowers are large, heavy, well held and of good form. Strongly marked golden yellow in lip; bloom 2 to 5 times a year, 3 to 7 flowers per stem.  
4½ to 7" pots 1 lead ..... \$30.00  
2 lead ..... \$40.00  
3 lead ..... \$50.00

Selected varieties \$50.00 and up - description on request

**C. TRIANAE (The Christmas Orchid)**  
Blooms from Nov. to Feb., 2 to 4 per stem - one of the hardest of all orchids - highly recommended for beginners. Plants are strong and very nice.

4½-6" pots 1 lead ..... \$ 8.50  
2 lead ..... \$12.50  
3 lead ..... \$17.50

**C. TRIANAE ALBA**  
The white form but not really pure white - these have a light bluish pink flush to them but "look white".

1 lead ..... \$15.00  
2 lead ..... \$22.50  
3 lead ..... \$30.00

**C. WAVRINIANA (C. granulosa x C. gigas)**  
An elegant and tailored flower of unusually heavy substance - colors are rare and different - in the reddish lavender and wine red tones - lip is crimson, spade shaped or cut - lip type. Flowers 4-5", 3-8 per stem, tall, slender plants - bifoliate. Summer.

4½" pots small blooming size  
divisions ..... \$20.00  
5-6" pots Mature 1 lead ..... \$25.00

**C. WHITLOCK FENNELL (C. Leda Bronze x C. gigas Fennell var.)**  
**LOVELY & ALLURING.** Flowers: large, freshly held - full and pleasant shape - ruffled and fluted attractively over all. Blooms

twice a year, summer, fall. Plants: strong and husky - branch freely.

4½-6" pots 1 lead ..... \$25.00  
2 lead ..... \$35.00

Selected fine varieties \$50.00 and up - descriptions on request.

• **(C. Barbara Billingsley x C. Ella Mae Sutton)**

A fine large Christmas and Winter white flowers - well held and full vigorous young plants blooming 1st and 2nd time.

4½ to 6" pots 1st sheath ..... \$20.00  
maturing ..... \$25.00

• **(C. Whitlock Fennell x C. Superba)**

**KEEP AN EYE ON THIS ONE!** We have hopes for an extremely dark and heavy flower carried in large clusters and BIG TOO! A previous cross similar to this produces up to 14 5" flowers on a stem! Excitingly sturdy - heavy growth on these seedlings. WANT TO TRY IT?

3" pots 2 to 4" tall ..... \$2.50  
5 to 7" tall ..... \$4.50

• **(C. Bowringiana x C. Eva Schill)**  
Extra nice cluster cattleya - 3½-4½" flowers, dark, glistening texture, long lasting - 4 to 10 per stem, very strong and heavy plants - bifoliate - fall and winter.

3-4" pots Should bloom in 12-18 mos. .... \$ 8.50

4" pots 1 lead ..... \$12.50  
6" pots 2 lead ..... \$17.50  
3 lead ..... \$22.50

• **(C. Harry Gray x C. Barbarossa)**

Another fine cross of Harry Gray. Flower: rich colored - consistently well formed - large, dark, long lasting. Fall-winter. Plants: willing growers, large, strong. A terrific buy at these new low prices!

6" pots 1 lead ..... \$15.00  
2 lead ..... \$20.00

(C. Maxima x C. Luedemanniana)

Three of these have already bloomed and they are wonderful - much exceeding our expectations. Young plants in 3" pots carried 5 to 7 medium sized flowers on a stem, dark bright lav. with very unusually striped lip of interesting colorful pattern - a worthwhile new collector's item! ONLY A FEW

TO OFFER!

3" pots 4-6" tall ..... \$4.50  
7-9" tall ..... \$6.50  
10-13" tall - bloom within  
year ..... \$9.50

(C. St. Petersburg x C. St. Petersburg)

Our two finest St. Petes crossed - now - blooming first ones and they're all good - all around best white we know! The supply of these extra strong and heavy plants is limited so order now!

4" pots 6-8" tall ..... \$ 5.00  
4½-5" pots 9-11" tall ..... \$ 8.50  
5-7" pots 12-18" tall - bloom  
within year ..... \$17.50

## UNLABELLED CATTLEYS

We have on hand a number of hybrid Cattleyas from which the labels have been lost - they are good flower stock from our regular collection many are extra darks, whites and yellows. While they last we are offering these at less than species prices - *first come - first served!*

In sheath or bud  
1 lead ..... \$ 7.98  
2 lead ..... \$11.98

Mature plants - not in sheath  
1 lead ..... \$ 6.98  
2 lead ..... \$10.98

## UNLABELLED COLLECTION

Five fine unlabelled cattleya hybrids - all mature - at least 2 in sheath - a value of \$36.90 for the special Collection Price of only ..... \$27.95

## CHYSIS

### CHYSIS BRACTESCENS

White Wax Orchid. Flower: 3-4", 3-8 per stem, glistening white waxy - fragrant. Spring and summer. Plants: long, banana shaped bulbs - beautiful dark green, ribbed light, flexible leaves - semi-deciduous, plant is naturally pendant - should be allowed to

hang over sideways - These are largest plants we've ever offered and at the lowest price.

4-4½" pots Strong, young blooming  
size ..... \$ 5.00  
fully mature blooming size ..... \$ 7.50

## COEOLOGYNE

### COEOLOGYNE CRISTATA

Glistening white flowers - several on lateral stem - about 2". Very cute. Plants are small bulbs up to walnut size with 2 light flexible leaves 3 to 4" long grows like a weed. Can stand cool temperatures.

4" pots 1 to 2 lead ..... \$5.00  
4½ to 5" pots 2 to 3 lead ..... \$8.50

### COEOLOGYNE CORRUGATA

Pristine, Lovely and Rare. Flowers: pure white, 1½", like miniature cattleya - 5 to 10 on short arching stem from base of bulb. Early spring. Plant: heavy, tapering bulb - long flexible leaf - dark, blue green with natural black rust-like growth on leaf edges.

3-4" pot 1 lead small mature  
divisions ..... \$8.50

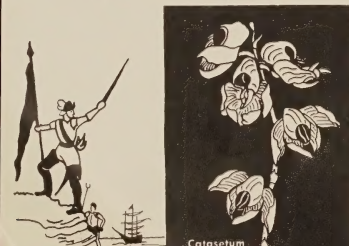
## CYRTOCHIS

Very rare vandaceous, semi-epiphytic, monopodial genus from Africa - usually found growing on elevated rocks and cliffs in hot, dry and sunny locations. Culture like Vandas. Related to Angraecum with short but typical tail-like spur on lip. Sepals and petals narrow and pointed, curved gracefully backward to give lovely greenish white star-shaped flowers densely packed on lateral bloom stems.

### CYRTOCHIS ARCUATA

First time ever offered - plants newly collected - leaves 3 to 5" long, flat and broad 1" apart on tall central stem - looks and grows like a Renanthera but smaller. Flowers 1½ across with short tail - greenish white - gracefully curved star-shape lovely and fragrant - very rare.

4-4½" pots 3-5 leaves 6" across ..... \$ 8.50  
4½-6" pots 4-7 leaves 8" across ..... \$15.00



Cattleya catasem



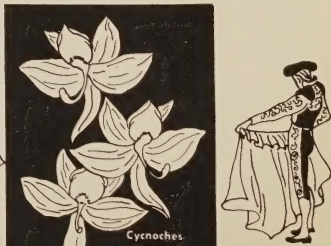
Cattleya lodgesii



Cattleya skinnerii



Chysis bracteescens



Cynoches chlorachil





*Cyrtorchis arcuata*



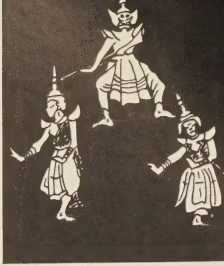
*Dendrobium Fareri*



*Dendrobium formosum*



*Dendrobium Pierardii*



**CYRTOCHIS** — Unknown species  
So rare and new we can't find out the name.  
Miniature plant — blooming size only 3"  
tall like a small Vanda seedling but bloom  
heavily with 2 to 4 bloom stems of 8 to 12  
flowers each about 1/2" diameter — star  
shaped with 1/2" tall. Very fragrant.

4" pots 4-7 leaves 4-6" across  
mature ..... \$10.00

## DENDROBIUM

from Pacific and Indian Ocean Islands, also,  
Far East and Tropical Asia — are large and  
fascinating branch of the orchid family —  
have small to medium sized flowers in clusters  
and sprays. Usually strong, tough plants  
that are easy to grow. General growing in-  
structions apply except that some types want  
to dry out in the fall.

**DENDROBIUM DENSIFLORUM**  
Magnificent strong growing and free flow-  
ering — newly collected from Nepal, India.  
Beautiful glossy green leaves on 12 to 20"  
heavy bulbs. Blooms March, April and May  
with many densely flowered pendant clusters  
of bright golden yellow and orange. EX-  
TREME SHOWN — FINE FOR EXHIBITION.

4-5" pots — small mature — newly  
collected ..... \$12.98  
4-6" pots — larger ..... \$17.98

**DENDROBIUM FARMERI**  
Burma and India — newly collected — ro-  
bust, compact, dwarf grower — established  
well — nice new greenhouse — plants 6 to 10"  
tall — flowers in dense clusters, pendant from  
top of bulb like pink and yellow bunch of  
grapes — orange lip — each about 1 1/2" across  
VERY LOVELY — April and May.

4-5" pots — newly collected ..... \$11.98

**DEND. FIMBRIATUM OCULATUM**  
Flower: 1 1/2", 6 to 20 per stem, stems pendant  
from end of long bulbs — bright yellow s &  
p, orange, velvet, lip with dark brown center.  
Spring. Plants: tall, slender bulb-canes  
with many short flexible leaves along top  
half — old bulbs bloom for several years.

Nepal and Burma.

3" pots 6-8" tall — bloom 2-3 yrs. \$ 3.50  
3" pots 9-12" tall — bloom 1-2 yrs. \$ 5.00  
4-5" pots mature ..... \$11.98  
4-6" pots, larger ..... \$17.98

**DENDROBIUM FORMOSUM**  
Remarkably handsome plants — newly col-  
lected from Assam, India — flowers crisp,  
crinkly white — last for months — about 3"  
— plants silvery paped on bulbs — dark  
blue green foliage — compact heavy bulbs.  
4-4 1/2" pots — small mature ..... \$ 9.98  
4-5" pots larger ..... \$14.98

**DEND. MOSCHATUM** — India  
Flower: 2 1/2" to 4", 5 to 10 per stem, pendant  
from end of long bulb, full and waxy, s & p,  
velvety pouch lip — peachy-apricot, with  
brown eye in lip. Spring. Plants: fast, large  
growers — want very small pot.  
3" pot 7-10" tall ..... \$ 3.50  
11-15" tall ..... \$ 5.00  
4-5" pot single, just mature ..... \$10.00

**DENDROBIUM PIERARDII**  
From India. Delicately lovely flowers of  
pale lavender and soft sulphur yellow about  
1 1/2-2" across carried in 2's and 3's from every  
joint along the lower half of the long pendu-  
lant silver bulbs. Bulbs drop leaves in fall  
(must be dried out from Sept. to Feb.) and  
flowers appear on bare bulbs in Jan., Feb.  
and Mar. Just before new growth.  
4-5" pots — bulbs 18 to 24" long \$ 7.98  
4-5" pots — bulbs 24 to 30" long \$ 11.98  
on cork bark — bulbs 24 to 30" long  
..... \$11.98

**DEND. PIERARDII var. LATIFOLIUM**  
larger flowers.  
Same as above but larger growing plant with  
4-5" pots bulbs 24-34" long ..... \$11.49  
4-5" pots bulbs 36-42" long ..... \$14.98  
on cork bark bulbs 36-42" long ..... \$14.98

## DENDROBIUM COLLECTION #1

1 D. Fimbriatum Oculatum  
1 D. Formosum  
1 D. Phalaenopsis  
1 D. Pierardii

1 D. Nobile Hybrid ..... \$46.94  
Total Value ..... \$37.79  
All 5 plants mature for only

**DENDROBIUM COLLECTION #2**  
1 D. Phal "Dixons"  
1 D. Phal "Pestel"  
1 D. Phal x D. Capra  
1 D. Phal x D. Imthurnii  
1 D. Densiflorum ..... \$38.48  
Total Value ..... \$31.98  
All 5 plants small blooming size  
for only

## EPIDENDRUM

from Tropical America — Florida and south-  
wards. A fascinating and rewarding group  
— flowers usually smallish but carried many  
on long branched sprays — all colors, sizes,  
shapes and blooming seasons. General grow-  
ing instructions apply for most — can treat  
them just like your cattleyas. Every orchid  
collection should have a representative group  
of these wonderful orchids that give more  
flowers and pleasure with less work and  
expense.

**EPID. ALATUM**  
Very beautiful large 2 to 2 1/2" flowers, 25 to  
100 on tall branching erect stem — greenish  
yellow with slight suffusion or spotting of  
purple — lip white and yellow with red-  
purple stripes. Heavy and long lasting —  
plants exceptionally vigorous — from British  
Honduras.

**EPID. ATROPURPUREUM**  
EXOTIC & STUNNING. Flowers: one of  
showiest of all Epidendrums — 2 1/2-3", many  
on a stem — tall and arching, deep mahog-  
any brown s & p's, twisted and waxy bright  
lilac rose lip — lip is large and spreading —  
Spring. Plants: large pear shaped heavy  
bulbs with long leathery leaves — 2 to a  
bulb, newly imported, very nice plants, large  
and plump.

5-7" pots smaller ..... \$ 7.50  
larger ..... \$10.00

4-6" pots small — 1 lead mature ..... \$ 6.50  
large — 1 lead mature ..... \$ 8.50  
2 lead ..... \$10.00

**EPID. CILIARE**  
Plants look like a cattleya — large 3-4" lacy  
green and white flowers with lots of char-  
acter — carried 6 to 15 on long arching  
stems. Very delicate and lacy effect. Double  
row of white "eye lashes" on lip. Plants  
grow easily into lovely showy specimen pot  
plants. From Panama.

4 to 5" pots newly collected  
1 lead mature ..... \$6.98

**EPID. DIFFORME**  
Attractive foliage plant. Glossy green leaves  
— short, wide and heavy — closely carried  
on curving erect stems. Flowers waxy clear  
leaf green 1 1/2" across in clusters at top of  
stem. These plants from Panama are the  
LARGEST MOST ROBUST STRAIN we've  
seen.

3-4" pots 8-10" tall ..... \$6.50

**EPID. FRAGRANS**  
Very fragrant greenish white flowers with  
pointed S & P's and red striped lip carried  
in tight cluster on erect stem. Grows like  
a weed — branches freely and makes large  
decorative specimen plants quickly. Jamaica.  
4-5" pots 2-3 leads ..... \$ 7.50  
4-6 leads ..... \$12.50

**EPID. INDIAN CHIEF**  
LAUREL — FIRE ENGINE RED. Flowers:  
1 1/2" in large clusters 4 to 5" across, bloom  
for several months mostly winter and spring.  
Plants: fine for beds in garden, tall, slender  
canes, leaves at sides, blooming size and free  
grower and bloomer. Will bloom in 1/2 sun,  
likes full sun best.

3" pots 1 can, 12-15" high ..... \$ 1.50  
2-3 cans, 15-18" high ..... \$ 2.50  
12-16" cuttings with roots \$10.00  
25 cuttings with roots for \$17.50

**EPID. RADIATUM**  
Often confused with E. fragrans but quite  
distinct — S & P's are broader and more  
blunt — lip more round — flower heavier,  
longer lasting — not so fragrant — easy to

grow and very floriferous. Mexico.  
4-6" pots 2-3 leads .....\$10.00

#### EPID. STAMFORDIANUM

**ALWAYS A FAVORITE.** Flowers: 1-1½" yellow - speckled and spotted brown - large frilly lip, on long lateral bloom stem - closely set together - quite showy - large plants make a stunning pot plant. Winter and spring. Plants: tall, slender bulbs with several flexible strap leaves toward top, just imported and potted - plants somewhat rough looking with some broken leaves.

4-5" pots 1 lead .....\$ 7.50  
2 lead .....\$10.00

Extra large, heavy plants \$17.50 & \$25.00

#### EPIDENDRUM COLLECTION

1 Epid. alatum, 1 Epid. atropurpureum  
1 Epid. fragrans, 1 Epid. Indian Chief.  
Total Value .....\$20.00  
All four blooming size only .....\$14.98

### GONGORA

#### GONGORA MACULATA

**PUNCH AND JUDY ORCHID.** Rare and weird - Flowers: 1½" on long pendant stems, 12 to 20 per stem, flowers brown, maroon and yellow - look like big-nosed face of Punch & Judy. Plants: short very stout and corrugated bulbs, large, light plicate or ribbed leaves; newly imported, just potted, mostly leafless, strong fat bulbs. Panama.  
5" pots single mature .....\$ 8.50  
7" pots larger mature .....\$15.00  
Large specimen plants .....\$25.00

### HAEMERIA

These orchids are grown for their gorgeous foliage, not for their flowers. They are known as "Jewel Orchids" and are truly lovely pot-plants. Leaves are borne in a rosette around a fleshy thick central stem. Whole leaf has a velvety texture. Plants want to be planted in loose open soil and kept dark - more than ½ shade is necessary and humidity should be kept high.

From Ceylon and Malay Islands.

#### HAEMERIA DISCOLOR VAR DAWSON-LANA

Leaves are green with copper-red overtones and bright gold veins - about 2½" wide by 5" long.

3" pots single plants .....\$9.50

#### HAEMERIA DISCOLOR VAR NIGRANS

Leaves are very dark green - look like black velvet with a silver midrib - about 1½ x 4" long.

3" pots single plants .....\$7.50

### LAELIA

Relatives of the cattleyas - usually small to medium sized flowers, carried several on long sprays - often used for color and number of flowers in breeding with cattleya - very hardy strong plants - easy to grow.

#### L. ANCEPS - from Mexico

Flowers: star shaped - very crisp and attractive, 3-6 on long arching stem. Plants: newly collected, plants rough but rooting well.

4" pots 1 lead smallish .....\$5.00  
4½" pots 2 lead .....\$8.50

#### LAELIA ACUMINATA

A dwarf and robust plant from Guatemala with thickly clustered short, stout bulbs and short stiff leaves - produces tall 12 to 20" bloom stems bearing tight clusters of 8 to 20 flowers - each about 2-2½" diameter - light lavender with dark maroon center. Extremely easy and fast grower - soon makes showy specimen.

4½ to 5" pots mature .....\$ 7.98  
larger .....\$11.98

### LAELIOCATTLEYA—Lc

Bigger hybrid of Laelia x Cattleya - some of the largest, darkest and finest modern hybrids are in this group - also many of the fine yellows.

**LC APHRODITE ALBA** (L. purpurata alba

#### z C. Mendellii alba)

A fine strain of an old standby and still very popular - these are large flowers, heavy substance, well held, 3-7 flowers per stem - bluish white or very light lavender s & p's - very dark lip - most of the plants are exceptionally tall and strong growers, fine bloomers, very showy. Spring and summer.

5 to 7" pots 1 lead .....\$12.50  
2 lead .....\$17.50  
3 lead .....\$25.00

#### LC BRUNO ALBERTS (Lc Florida var Gold Star x Lc Canhamiana var Alberts)

A Whopper - Large and Fine. Flowers: big, heavy, dark, well held, really spectacular. Spring. Plants: very heavy and strong, tall.

4½" pots 1st sheath .....\$25.00  
6" pots 2 lead .....\$35.00

#### LC DAISY (L. anceps x C. Mossiae)

crisp and perky, star-shaped flowers - 4-5", 3 to 7 on long arching and swaying stems - bluish white s & p's with bright yellow and purple lips - unusual and very attractive - strong young plants - blooms 2-3 times a year.

4½" pots 1 lead .....\$12.50  
6" pots 2 lead .....\$17.50

#### LC EMMIE LIVINGSTON (L. Clotho var Rosea x Lc Miami var Silver Bowl)

Largest cattleyas we've ever bloomed were from this cross - one measured 11½ inches across. Lavender - lip extra large - rich, bright purple. Winter-spring. Plants: blooming for 1st time. Very pretty.

4" pots 1 lead .....\$25.00  
5" pots 2 lead .....\$35.00

#### LC GOLDEN MADONNA (Lc Nakoma x C. Dowiana aurea)

The dwarf that has bloomed so far have been outstanding yellows of brilliant rich gold with crimson throat and heavy crisp substance - plants are slender but extremely vigorous. Most are from 2 to 5 lead even before blooming.

4-4½" pots 8-10" tall 1-2 lead ...\$ 8.50  
11-14" tall 1-2 lead to

bloom within year \$15.00  
2-3 lead to

bloom this year \$25.00

#### LC GOLDEN MADONNA ROSEA (Lc Nakoma x C. Dowiana)

Rich Bronzes and deep golden yellows - about 70% of these have reddish, bronze bluish and over tones that are really gorgeous - The rest are deep golden yellows - all have extremely dark crimson purple lips with gold veination - all are of heavy substance and good shape - plants are strong willing growers - with broad heavy leaves unusual in a yellow - planted in pine and cedar.

5 to 6" pots 1 lead-small mature .....\$17.50  
larger .....\$25.00  
2 lead .....\$30.00  
Selected reds and bronzes .....\$35.00,  
\$50.00 & \$75.00

#### LC KENCOLOR (Lc Kenosha x C. bicolor)

DON'T MISS THIS ONE if you like the bifoliate cluster types with cut-lips. Flowers open chautauque then gradually develop to very unusual clear shades of pink - some reach bright lipstick pink and rose tones. About ½ stay clear chautauque or green - one of longest lasting cattleyas we know. Lips are rose or lilac color. 3 to 4 flowers up to 10 on a stem. Plants are naturally tall and slender - planted in fir bark.

5 to 6" pots small 1 lead .....\$15.00  
larger .....\$20.00

2 lead .....\$25.00  
3 lead .....\$35.00

#### LC NANCY BEQUIST (L. purpurata var Orchid Knoll) (x C. Enid alba var Mildred)

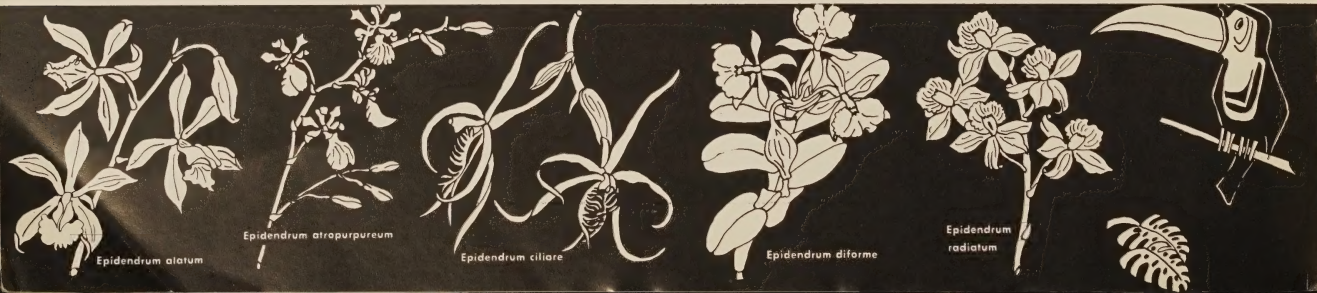
Flowers: stunning and elegant - snow white s & p's with vividly brilliant dark royal purple throat and lip - large and fine flower. Plants: very handsome, tall, heavy, spotted and marked red on leaves.

4½" pots 1st Sheath .....\$25.00  
5" pots 2 lead .....\$35.00

#### LC SEATTLE (Lc Elissa x Lc Southesk)

**LARGE - ROUND - GORGEOUS.** Show flowers with perfection in form, color and substance are the expectations for this cross - both parents are outstanding and the seedlings show wonderful vigor.

Should bloom within year .....\$17.50  
1st sheath .....\$25.00  
2 lead .....\$35.00





## LC SPRINGGOLD

A Giant Flower. Flower; very large and full – lavender with dark throat – heavy, well held – very popular, 3 to 6 per stem. Spring and fall. Twice a year. Plants: very heavy and robust. Larger plants are spectacular.  
5 to 7" pots 1 lead ..... \$20.00  
2 lead ..... \$30.00  
3 lead ..... \$40.00

## LC SWANEE RIVER (Lc Miami var Louis IV x Lc Camhiana var Alberts)

LARGE & LOVELY. Flowers: 7 to 8", 3-5 per stem, spring. Heavy substance, fine shape, very dark lavender. Plants: some of strongest, largest seedlings we have.  
4 1/2 to 5" pot 1st Sheath ..... \$25.00  
2 lead ..... \$35.00

## LC WILMOSA (Lc Helen Wilmer x Lc Monnoss)

Superb dark lavenders – Exceptional flower Quality. Flowers: large, finest shape and substance, brilliant clear dark colors. Plants: fine, strong and vigorous – most with 1st or 2nd sheath.

4 1/2" pots 1 lead ..... \$30.00  
6" pots 2 lead ..... \$40.00  
Selected fine varieties ..... \$75.00

## • (Lc Altesse x C. Marstonii)

An extra fine new hybrid – blooms in the Spring and again in the summer or fall. Beautiful large, full and round lavender flowers of good substance, well held and a heavy bloomer – young plants of exceptional vigor and strength.

4 1/2" pots 1 lead ..... \$20.00  
6" pots 2 lead ..... \$30.00  
3 lead ..... \$40.00

## • (Lc Black Hawk x C. gigas)

Flowers: large, very dark, bright yellow eyes in deep purple lip – 3-6 per stem – Spring and various. Plants: extremely vigorous – branch on almost every bulb – should bloom 2 to 3 times a year.

4 1/2" pot 1 lead ..... \$10.00  
7" pot 2-3 leads ..... \$15.00  
3-4 leads ..... \$25.00

## • (Lc Autumn Yellow x C. Admiration)

One of our best yellows crossed with a bright lavender winter flower of exceptional beauty – should combine to make some LOVELY DARKS for Winter flowering – These seedlings are willing growers.

3" pots 5 to 7" tall ..... \$3.50  
8 to 10" tall ..... \$5.00  
11 to 14" tall ..... \$8.50

## • (Lc Black Hawk x Lc Waubesa)

All around best cattleya hybrid we know. Flowers: medium size, 3-5 per stem, 2 to 5 times a year, most are dark reddish lavender, very heavy and long lasting, well held, good shape, gold or golden brown in lip. Plants: grow-invent plant in our place – compact.

4 to 6" pot Small, 1 lead in sheath

Mature, 1 lead ..... \$12.50  
2 lead ..... \$15.00  
3-4 lead ..... \$20.00  
Selected fine dark reddish lavenders \$25.00

## • (C. Bowringiana x Lc Nakoma)

Flower: cross between purple Bowringiana and a large yellow–3 1/2–4 1/2", heavy and well held, 4 to 10 per stem, color ranges from WPL to very dark – many colorful rosy shades. Plants: large, strong and vigorous.  
4 1/2–6" pots 1 lead ..... \$ 8.50  
2 lead ..... \$12.50

## • (Lc Derrynane x Lc Mar J. Palm, Jr)

These have been uniformly fine. The few that we've bloomed so far have been wonderful–large, full of color and with fine substance–some outstanding Exhibition flowers for fall and winter, will surely appear among these robust and willing growers.

4" pots 8-10" tall ..... \$ 8.50  
Bloom within year ..... \$15.00  
In sheath ..... \$20.00

## • (C. Whittlock Fennell x Lc Loustic)

This cross of two extra fine large dark & full late fall bloomers should produce some extra fine flowers–seedlings show vigorous growth habits and we expect extra fine large darks of heavy flowering habit for late fall.  
3" pots 3-5" tall ..... \$2.98  
6-8" tall ..... \$4.50  
9-12" much heavier ..... \$7.50

## • (Lc Prince John x Lc Tenebrosa)

This cross of a rich golden brown with our extra dark golden Autumn Yellow should produce some fine brows & bronzes with crimson or purple lips. Seedlings are vigorous & thrifty growers. The tenebrosa cross was a heavy well held flower!

3" pots 4-5" tall ..... \$3.50  
6-7" tall ..... \$5.00  
9-12" tall ..... \$6.00  
bloom within year ..... \$9.50

## • (Lc Orange x C. Schroederiae)

Should be similar to C. Wolteriana – flowers somewhat larger and many with a crimson or purple lip – at any rate these will be charming cluster types in unusual colors. Naturally slender but vigorous seedlings.

3" pots 3 to 5" tall ..... \$2.50  
6 to 8" tall ..... \$4.50  
9 to 11" tall ..... \$6.00

## • (Lc Princess Prudence x Lc Southesk)

Perfection of form and rich color should make this a truly elegant flower for the connoisseur and exhibitor – flowers should be large, round with broad s & p's and a brilliant dark lip – seedlings are husky and thriving.

3" pots 8-10" tall ..... \$ 8.50  
bloom within year ..... \$15.00  
1st sheath ..... \$20.00

## • (Lc Red Oak x C. Bowringiana)

Finest Bowringiana hybrid we've seen. Flowers: 4 to 6", 4 to 8 or 10 per stem – very dark and bright, shape full–often overlapping–long lasting. Sept. to Jan. Plants:

tall and robust–large leaved–bifoliate.  
5 to 10" pots 1 lead ..... \$20.00  
2 lead ..... \$30.00  
3 lead ..... \$40.00

## • (L. Tenebrosa x C. Guttata Leopoldii)

Very exotic bronzes and mahoganies – all with brilliant purple throat and lip for fall and winter – we had a few of these seedlings and they turned out so well we tracked them down and bought the lot – flowers are very heavy and long lasting – medium sized up to 10 on a stem – plants very tall and slender by nature.

3" pots 8 to 10" tall ..... \$ 5.00  
4" pots 10 to 12" tall ..... \$ 7.50  
4" pots small plants 1st sheath ..... \$10.00  
4 1/2 to 5" pots larger plants ..... \$15.00  
20.00, 25.00

## LOCKHARTIA

An unusual group related to Oncidiums from Central America, characterized by handsome dark green foliage that encloses the tall erect stem, each leaf overlapping the one above to form a zig-zag flattened or braided pattern. Sought after as foliage plants but flower pretty too.

## LOCKHARTIA PALLIDA

This "braided orchid" from Panama has several tiny golden yellow flowers pendant from upper half of tall erect leaf stems – usually several at a time on each stem make it a lovely flowering plant as well as unusual in foliage.

3" pots 3-5 stems 6-8" tall ..... \$5.00  
3-4" pots 5-8 stems 7-10" tall ..... \$8.50

## LYCASTE

Deciduous sympodial epiphytes from Tropical America. Large papery, deeply veined and ridged leaves drop completely in winter and early spring, bulbs are stout & shiny, usually tapered – flowers are triangular – petals clasp lip – sepals are largest part of flower – plants flower freely several to a bulb on separate short, erect bloom stems. Like lots of water & food when in active growth – dry out when leafless.

## LYCASTE BREVISPATHA

Rare & lovely – Flowers 1 1/2 to 2" on short stem – greenish white sepals, white lip & petals – sometimes lightly speckled & suffused pink all over. Segments broad – flower compact – plant almost dwarf.

5 to 6" pots small mature ..... \$ 8.50  
5 to 7" pots larger ..... \$15.00

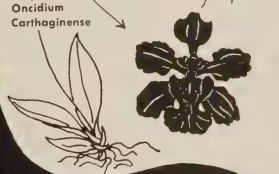
## LYCASTE DOWIANA

Easy to grow – large growing plant – warm type 3-4" flowers of green & yellow with yellow lip – waxy substance.

4 1/2 to 6" pots mature ..... \$10.00



*Odontoglossum citreolum*



## MYSTACIDIUM

Charming miniature Angraecum-like vandeae monopodials from Africa — with tail-like spur. Plants are small but flower heavily & make lovely little pot plants — easy to grow under Phalaenopsis conditions.

**MYSTACIDIUM CAPESE**  
First Time Ever Offered for Sale! Full grown flowering size in 3" pots. Leaves are long & slender like small narrow phalaenopsis seedling — flowers are creamy white, round & full, about 3/4" across with a 2" tail — 6 to 12 on a stem — 2 to 4 stems on each tiny plant — really cute & a worthwhile addition to any collection.

3" pots 3-5 leaves 3-4" across ..... \$8.50  
4" pots larger 4-8 leaves ..... \$12.50  
5-7" across

## ODONTOGLOSSUM

Relatives of the Oncidiums — from Tropical America — most of this group are cool growing orchids not practical for culture in the home — many people consider these the loveliest of orchids. Want lots of water and food while growing — then dryness and lots of light while resting.

**ODONTOGLOSSUM CITROSUM**  
Lovely — fresh — crisp flowers in tones of creamy white and flesh pink with orange in the lip — 2 to 3" in diameter carried several to many on a stem — plants have large fleshy bulbs and long flexible leaves — in cedar bark — can stand cool, but are one of very warmer growing Odontoglossums. **SUITABLE FOR HOME CULTURE.**

4 1/2" to 5" pots small mature ..... \$ 5.00  
larger ..... \$ 7.50  
2 lead ..... \$10.00

## ONCIDIUMS

From Tropical America — Florida and southwards. An enchanting branch of the family. Most are known as "Dancing Girl", "Butterfly", or "Shower of Gold" orchids. Usually have small to medium sized flowers — many on long sprays. Most are yellow and brown — long lasting and easy to grow — General Growing instructions suit them well.

### ONCIDIUM ANSIFERUM

Very interesting and worthwhile — everyone who sees it wants one — bulbs are very thin, wide and flat — eventually get larger than palm of your hand but only about 3/4" thick — leaves very short and wide — shorter than bulb — bloom stems up to 9' long — flowers bright yellow lightly marked with brown — hundreds on stem — from Panama.

4" pots small blooming size ..... \$6.50

### ONCIDIUM CARTHAGENENSE

Flowers are pink or light lavender with dark reddish or amethyst spots and markings — carries hundreds on long arching blooms stems up to 9 ft. long Bloom Spring and Fall. Plants are the heavy broad leaved type — leaves naturally spotted and freckled all over. Newly imported and somewhat scarred, but have made good new growth.

3" pots — 3 to 5" tall ..... \$ 2.50  
4 to 5" pots — 6 to 8" tall ..... \$ 4.00  
4 to 5" pots — 10 to 14" — mature ..... \$8.50  
to \$17.50  
5 to 6" pots — 14 to 20" — 2 to 3 leads — specimens ..... \$20.00

### ONCIDIUM CHERIOPHORUM

A very floriferous miniature — plants are small — bulb 1", leaves 3-5" bloom stems up to 9" with up to 15 flowers each 3/4" to 1" — bright yellow very charming and lovely — only a very few left — Panama.

3" pots 3-5" tall small mature ..... \$4.98  
**ONC. GOLDIANA** (*O. flexuosum* x *O. sphacelatum*)

Free flowering — shower of gold. Flowers: 1 1/4", yellow and brown — several hundred on long arching or pendant, branched sprays — spring and summer. Plants: very husky and vigorous — tall, tapered corrugated bulb — long strap leaves.

4-4 1/2" pots 1 lead ..... \$ 5.00  
larger 1 lead ..... \$ 7.50  
5-6" pots 2-3 lead ..... \$12.50

### ONCIDIUM MACULATUM

This one is different — it looks more like an Odontoglossum and is often called such — Rich chocolate markings on creamy white background make this a favorite with all who see it — 10 to 30 2" flowers on a short arching bloom stem. Bulbs are short and fat; leaves — long strap type — one of showiest and most attractive pot plants in Oncidium group — Rare.

4" pots 1 lead newly imported ..... \$ 7.50  
4 1/2" to 5" pots 2 leads ..... \$15.00  
5" pots established specimens ..... \$20.00  
to \$30.00

### ONCIDIUM PUSILLUM

Tiniest Tom Thumbing orchid we have — blooming size plants 1 1/2 to 2" across, leaves held in tight, flat, overlapping fan — gold flowers 3/4" to 1" across — 1-3 on stem — very rare. Hard to get established after importing but easy to grow once started. Keep damp.

1 1/2" pots 2-2 1/2 across mature ..... \$3.98  
2" tree fern cubes — same size ..... \$4.49

### ONCIDIUM STIPITATUM

These are largest, strongest and most beautiful plants of this we've ever offered — leaves are long and tapered cylindrical or terete, semi-pendulous, bloom stems tall and erect, branched, carry many 3/4" yellow gold and brown flowers newly imported from Panama and established.

4-5" pots 12-16" tall ..... \$ 6.50  
17-24" tall ..... \$ 9.50  
24-30" tall ..... \$12.50

## PERISTERIA

Large growing and rare sympodial deciduous terrestrial from Panama. Surface rosette — needs wide shallow pot and light loose potting material — keep damp, feed heavily while in active growth — dry when leafless.

### PERISTERIA ELATA

Rare and Fascinating "Espirito-Santu" or "Holy Ghost" orchid which gets its name from the column of the flower which is shaped like a "white dove taking flight". Doves in enclosure — in white cup-like S & P's about 2" across — many on tall erect bloom stem — flowers waxy — long lasting.

8-10" bulb pans — 3-5 bulbs mature ..... \$12.50

## PHALAENOPSIS

A very elegant and beautiful group of orchids — most are white but we also have pinks, yellows with brown and red spots, and lavenders. The flowers usually last very well on the plants — up to 3-4 months and the large white types can be made to bloom several times a year. These are very easy to grow and well suited to home culture. The General Growing Instructions are fine for Phalaenopsis except that they do like a little more water and can get along with less sun than most orchids. Common names: "Dogwood" or "Moth" Orchid. To make the large white types bloom more than once a year is very simple — when a bloom stem finishes blooming, do not cut it off at the bottom — cut it just behind the lowest, or 1st flower or the scar where this flower's stem joined the main stem. If the plant is strong enough, it will put out a "side-break" flower stem from one of the latent buds under the scales along the main flower stem — these should bloom within 2-3 months. This process can be repeated on each stem — sometimes for years. We had one plant in the Orchid Jungle that was in bloom constantly for about 5 years — and at one time had 8 bloom stems on it — this should be done only on the larger and stronger plants.

### PHAL. DORIS HYBRIDS

We have a great many different white Phalaenopsis hybrids that are all so similar we are listing them simply as hybrids — each plant when shipped will be correctly labelled. Flowers: 3-4", 6-30 per stem, pure white, round and heavy, long lasting — will bloom 2-3 times a year on largest plants.

4 1/2-5" pots blooming size, 7-9" across ..... \$ 8.50

4 1/2-6" pots blooming size, 10-14" across ..... \$12.50  
fully mature, 18-24" across ..... \$25.00

### PHAL. LUEDEMANNIANA (Fennell's Strain)





*Peristeria elata*



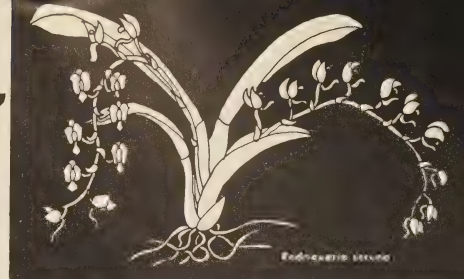
*Phalaenopsis  
Lucdemanniana*



*Phalaenopsis Mannii*



*Renanthera coccinea*



*Sophrolaeliocattleya*

Rich Cream and Wine Red. Flowers: 2" full and almost round, rich cream background with darkly spotted and barred wine red, 6 to 20 flowers at a time, very heavy and long lasting. Spring and summer. Plants: broad leaves - light green - produce plantlets on old flower stem so don't cut them. Philippines.

3" pots - 2-3" across	\$ 2.50
3" pots - 3-4" across	\$ 3.98
3" pots - 5-6" across	\$ 5.98
4-6" pots blooming size	\$ 8.50
4-6" pots larger size	\$12.50

#### PHALAENOPSIS MANNII

Very Rare - from Assam-India - 1st offering of newly collected plants - leaves long and narrow - thin - clear green - flowers on long stem with many very pretty honey yellow blooms marked attractively with bars and stripes of rich brown, lip white striped purple - in late spring - well established. Can stand slightly cooler growing conditions than other *Phalaenopsis*.

4" pots leaves 5-7" long	\$ 9.98
4-5" pots leaves 8-10" long	\$11.98
4-6" pots largest plants	\$17.98

#### RENANTANDA

Bigenic hybrids between *Renanthera* and *Vanda* - still quite scarce and unusual - colors usually shades of red and orange - some very unusual shades of peachy pink and rosy lavender - large branched sprays of 3" flowers - we have a wide selection of these rare hybrids but only a few plants of each cross - names, descriptions and prices on request.

#### RENANTHERA

Relatives of the *Vandas* - tall slender monopodial plants - like full sun and do best as garden plants in the tropics and sub-tropics but will also bloom well indoors as house or greenhouse plants - from Asia, 2 to 4"

flowers in shades of red and orange. Spring. We have a few plants each of several different and very rare species and hybrids - list with descriptions, sizes and prices on request!

#### RENANTHERA COCCINEA

Flaming Red Flower: 25" many on large branching triangular spray, heavy and long lasting - Winter, spring. Plants: tall, leaves short, several inches apart on central stem, climber, *Vanda* Relative, likes lots of sun, can stand full tropical sun all day long. 12-15" cuttings with roots \$10.00 5-6" pot 12-14" tall from seed \$12.50

#### RODRIGUEZIA

Small, compact, sympodial epiphytes from Tropical America. Plants are pretty, dark shiny green - bloom stems come out 2 to 6 from each new growth and are heavily flowered - lovely - thrive under *Phalaenopsis* culture - slightly darker and damper than *Cattleyas*.

#### RODRIGUEZIA SECUNDA

Almost a miniature and one of the loveliest and most popular pot plants in Orchid Family. Flowers bright lipstick pink, finger-nail size - carries many in long double ranks on graceful arching bloom stem - up to 6 stems on each new growth. If you don't have this one you're really missing something.

4" pots - newly collected - smallish	\$ 5.00
4" pots, established - much larger	\$ 8.50
2 lead	\$12.50

#### SACCOLABIUM

A very lovely group closely related to *Rhynchostylis* and *Vandus*. Flowers are small but a great many are produced packed tightly together on very showy stems. Plants are tough and leathery - easy to grow - like *Vandas* - with lots of sun and water while growing. From Malaya to India.

#### SACCOLABIUM AMPULLACEUM

One of most charming and lovely of whole group. A miniature and very compact plant producing several heavily flowered stems at a time in late spring and summer. Flowers beautiful deep vivid rose color - leaves 3 to 6" long - plant 4 to 7" tall - newly collected from India - leaves somewhat scarred - rooted well.

4" pots small mature 3-4 leaves	\$ 9.98
4" to 5" pots larger	\$12.98

#### SCHOMBURGKIA

An interesting group of orchids from Tropical America - related to the *Cattleya* *Laelia* group - some botanists say they are really *Laelias*, but they seem so distinct to us we prefer to call them *Schomburgkias*. Culture like the *Cattleyas* but can stand more sun and seem to prefer it slightly drier.

#### SCHOMBURGKIA LYONSII

This is a rare one - and very stunning too! Flowers are white sprinkled all over with dark maroon which matches the lip color - tall erect bloom stem bears a compact head of 24" flowers in the Spring - Plants are large, strong, and heavy - from Jamaica in pine bark.

6 to 7" pots 1 lead	\$7.50
7 to 8" pots 2 lead	\$17.50

#### SCHOMBURGKIA THOMPSONIANA

Our favorite of all this group - Flowers are cream-white or yellow with bright crimson or magenta lips - S & P and lip all very undulant and scalloped - from 6 to 20 on a 2 to 4 foot bloom stem. Blooms Spring and Summer, Cayman Islands - small growing - dwarf plants.

4" pots rooted backbuds with new growth	\$ 5.00
4" pots small established plant	\$10.00
4 to 5" pots blooming size-mature	\$15.00
1 to 2 lead plants on cork bark	\$15.00 & \$25.00

#### SOPHROLAELIOCATTELEYA -Slc

Tri-generic hybrids of *Sophranitis* x *Laelia* x *Cattleya*. Unusual shades of bright reddish lavender, bronze and yellow. (*Slc Copper Gleam* x *Slc Langleyensis*)

A *Sophro* hybrid of exceptional vigor of growth - the few that have bloomed so far have been good flowers of unusual colorings, peachy, salmon, reddish lavender, and plum - Strong young plants. Fall, winter and various.

4" pots should bloom within 12 mo.	\$15.00
4-5" pots 1st sheath	\$25.00

(*Slc Volga* x *Slc Profusion*) One of the strongest, best growing *Sophro* hybrids we've seen - flowers vary greatly in color from yellow through peach, salmon, plum to bright lavenders, dark bright purple - heavy, well held flowers of good shape. Fall, winter and various.

4" pots should bloom within year	\$15.00
4-5" pots 1st sheath	\$25.00

#### STANHOPEA

##### STANHOPEA WARDII

"DRAGON'S HEAD" ORCHID. Flower: 4-4 1/2", 2 to 6 per stem, pendant from the roots - must be in basket so blooms can come out through bottom - should be hung, not set on bench - looks like Dragon's head with snout, teeth, eyes and ears - light yellow speckled brown - Fall and winter. Plants: Short, stout bulb, large, light deeply ribbed leaves, Costa Rica.

Baskets Small blooming size	\$10.00
Large 2-3 leads	\$17.50

#### VANDA

Extremely popular group - many different kinds, sizes, shapes and colors. Usually medium sized flowers on sprays - often fragrant - many have unusual color patterns using 2 and 3 colors. Three types of growth require-



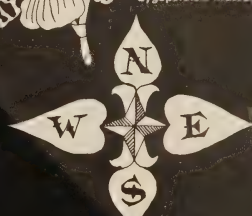
Vanda Gillian Tribolet



Vanda Sanderiana



Zygopetalum Mackayii



ing different growing conditions. STRAP LEAVED TYPES will grow well indoors as house or greenhouse plants — want  $\frac{1}{2}$  sun and like charcoal or osmunds to grow in. General growing instructions are fine for these Vandas but they do need more water and food than other orchids.

Vanda plants are prettier than most orchids — the leaves grow opposite and alternate on a central main stem that grows constantly upwards — the leaves are gracefully arched and curved and carried in one plane so that they make an interesting flat fan. Vandas do not have bulbs or other methods of storage for food and water. The plants consist simply of leaves and large fleshy roots, and they should be fed with every second or third watering. This may seem like excessive feeding, but the plants will respond in direct proportion to the amount of food you give them. Vandas also like lots of sun. The size and color of the flowers and the number of times a year that they bloom will depend on how much sun and food you give them. Most Vandas will bloom several times a year and often large and healthy plants will be in bloom more than half the time the year around.

All of our Strap-leaved Vandas in 3" pots are potted in osmund fiber — all larger sizes with the exception of Vanda Burgeffii (which is in osmunds) are potted in charcoal or a mixture of moist charcoal and some shredded tree fern fiber.

#### TERETE-TYPES

have a terete or cylindrical, pencil-like, leaf. These types need full tropical sun all day long to bloom — grow in ground beds — along fences, etc. Should be watered every day and fertilized heavily and frequently. SEMI-TERETE TYPES hybrids between other two types — have deeply channelled leaves and need full sun and culture like the terete types. Neither of these last two types will bloom indoors.

We have about  $\frac{1}{2}$  acre of Terete and Semi-terete Vandas growing in ground beds here at the Orchid Jungle and stock a large variety of fine and rare types — for those of you who grow orchids in Florida or other tropical climates they are wonderful garden plants. We have so many different ones of these that it is not practical to list them individually in the catalog, but will be glad to send a description and price list to you on request.

V. BILL SUTTON (V. Manila x V. Sanderiana)

One of most dependable good pink hybrids — almost always fine form and bright pink color — some with brown markings.

6-8" pots — blooming size ..... \$27.50

V. BURGEFFII (Sanderiana x V. Suavis) Flowers are large and quite flat — color varies from pink to cream with rusty or rose

colored spots — always very popular. Strong young plants ready to bloom — with 6 to 10 pairs of leaves — in osmunds.

6" pots 8 to 12" tall ..... \$11.98

V. GILBERT TRIBOULET (Caerulea x Tricolor)

Colors vary thru all shades of blue from light grayish shades to dark lavender blues — usually a bold pattern of dark spots and markings on a lighter background. Very heavy blooming 8 to 16 flowers per stem 3 to 6 times a year. One of the best for home growing — husky young plants.

3" pots 3 to 5" across ..... \$ 2.50

3" pots 6 to 8" across ..... \$ 4.00

6" pots ready to flower anytime ..... \$10.00

6" pots in bud ..... \$12.50

6" pots larger plants \$15.00, \$17.50 & up

V. JENNIE HASHIMOTO

Usually very similar to Sanderiana — one of finest new hybrids, winning many awards — often in varied color tones of chartreuse, chocolate and pink — round, full and flat — blooms young

4" pots 3 pr. leaves 12-12" across \$ 9.98

6" pots 4-4 pr. leaves 12-14" across \$14.98

8" pots 4-5 pr. leaves 14-18" across \$24.95

V. HERZIANA (Caerulea x Suavis)

Blues — mostly in the lavender blue range with bold markings on lighter background. One of the floweringest of all Vandas — often start new bloom stem before old flowers are finished. Husky and vigorous young plants.

3" pots 3 to 5" across ..... \$ 2.50

3" pots 6 to 8" across ..... \$ 5.00

6" pots flowering size ..... \$ 8.50

6" pots 15 to 20" ..... \$10.00, \$15.00

V. MABEL MAE KAMAHELE (V. Ohu-Ohu x V. Sanderiana)

One of the most outstanding recent show quality hybrids of Sanderiana type. Most look like improved rounder and heavier Sanderiana.

4" pots 3 pr. leaves 6-8" across ..... \$ 7.98

8" pots 4 pr. leaves 12-14" across \$14.98

6-8" pots — blooming size ..... \$32.50

V. NELLIE MORLEY (Sanderiana x Emma Vandenberg)

The most talked about and awarded Vanda of recent years — one of these sold for \$1650.00 this year. Flowers are large, extremely heavy and well held. Color is usually dark rose pink with well defined color patterns of veins and spots. These are un-bloomed seedlings, starting to flower now — get yours before they bloom — you may pick a winner! Semi-terete — wants lots of sun. 8" pots strong and husky 24 to 30" tall ..... \$65.00

V. NELLIE MORLEY — Noa's strain

Said to be exact remake of original prize winning strain using same individual parent plants. Exceptionally strong growers.

3" pots 3-4 leaves — 6-8" tall ..... \$ 4.98  
6" pots 5-6 leaves — 8-10" tall ..... \$ 7.98  
6" pots 6-8 leaves — 11-14" tall ..... \$12.98

V. ROTHSCCHILDIA (V. Caerulea x V. Sanderiana)

Outstanding remake of this finest of all blue Vandas — plants are heavy and compact growers — matures smaller than any other large flowered Vanda.

3" pots 2-3 pr. leaves 6-7" across ..... \$ 3.98

4-5" pots 5 pr. leaves 10-12" across \$12.98

6" pots 6 pr. leaves 12-14" ready to bloom ..... \$19.98

mature ..... \$24.98

V. SANDERIANA (species from seed)

Often said to be finest of all orchid species. These are fine young plants blooming for 1st and 2nd times — all have been very good, of exceptional shape — round, full and flat pink and terracotta with distinct and beautiful color patterns. Every one that comes in bloom sells immediately! Philippines.

8" pots 8 to 12" tall ..... \$35.00

WE CARRY A TREMENDOUS STOCK OF STRAP LEAF VANDA SPECIES AND HYBRIDS NOT LISTED HERE. SPECIAL LIST ON REQUEST.

## VANILLA

### VANILLA PLANIFOLIA

Grow your own vanilla! The extract is made from the seed pods of this orchid. A monopodial climbing vine — needs a trellis or totem pole — makes interesting effective zig-zag design — blooms spring — green flowers, many on stem, flowers last 1-2 days. Mexico. 30" cuttings bare root ..... \$ 2.50

7-9" pots 3" tree fern totems with 3 to 5 vines, well rooted. Makes an attractive foliage planter for picture window or plant room \$17.50

VANILLA — leafless species from British Honduras

Central stem is robust and plump — somewhat serpentine — only leaf is a small spur  $\frac{1}{2}$  x  $\frac{1}{4}$ " produced at each joint. RARE — Just planted now rooting.

8" pots — 3-5 vines on 3" tree fern totem ..... \$15.00

## ZYGOPETALUM

ZYGOPETALUM MACKAYII — Brazil STUNNING AND EXOTIC. Flowers: 3", 6 to 12" stem, green s & p's, large spreading white lip striped crimson stripes lasting — fall or winter. Plants short stout bulbs — large ribbed light leaves — semi deciduous. Can stand cooler growing conditions.

4-5" pot small mature ..... \$ 8.50

4-5" pot larger mature ..... \$12.50



# ORCHID SUPPLIES

## A Book Every Orchid Lover Should Have

A really good beginner's book on orchids that you've been asking for so long! ORCHIDS FOR HOME AND GARDEN by T. A. Fennell, Jr. is a real primer. You don't have to know anything about orchids, or other plants, to learn from this book—it starts from scratch and uses simple, clear English with no fancy technical terms. Whenever "new" words are used they are explained right there in the text.

ORCHIDS FOR HOME AND GARDEN is the first orchid book giving you really simple instructions for growing orchids at home—it is also the first that covers the use of orchids as garden plants in the tropics and sub-tropics. There are chapters on all phases of orchid culture; starting your collection and how to buy orchids, orchids that you can grow, raising orchids from seed, making your own arrangements and corsages, landscaping your garden, lath-houses and greenhouses, etc.

ORCHIDS FOR HOME AND GARDEN is profusely illustrated with drawings by the author and with eight pages of color and eight pages of black and white photographs. Altogether we feel it is the most informative and worthwhile book for the beginner ever published.

Rinehart and Company, Inc. is the publisher and it is available from us or from your favorite book store. Price is \$2.95 postpaid.

### INFORMATION SHEETS

Mimeographed and printed information sheets on particular questions that often come up—with drawings and diagrams where helpful. Subjects: Potting and dividing; Corsages—step by step; Orchid Seed Planting Technique; Planting Orchids on Trees; Plastic Greenhouses; Growing Orchids Under Artificial Light; Growing Orchids in Bark; Orchids in the Basement. 25c each

### OSMUNDA

Enough for 2 or 3—6" pots. Postpaid \$2.00  
Enough for 5 or 6—6" pots. Postpaid \$3.50  
Bales, enough for 50 or 60—6" pots. FOB Homestead \$14.00

### JUNIOR REPOTTING KIT

Includes osmunda (for 2 or 3—6" pots), labels, potting stick, and repotting folder. Complete postpaid \$3.50

### SENIOR REPOTTING KIT

As above, but includes osmunda for 5 or 6 pots, and more labels. Complete postpaid \$5.00

### PINE BARK

1 cubic foot—enough for 15 to 25 4" pots or 8 to 12 6" pots. Approximate weight—20 lbs. Postpaid \$3.75  
2 cubic feet—enough for 30 to 50 4" pots or 16 to 24 6" pots. Approximate weight—40 lbs. FOB Homestead \$3.75

### JUNIOR BARK POTTING KIT

Includes enough pine bark to pot 6 to 8 5" or 6" pots plus 6 clip on orchid stakes and 12 orchid pot clips and a complete instruction sheet (with drawings) for potting orchids in bark. Postpaid \$3.79

### SENIOR BARK POTTING KIT

Includes enough pine bark to pot 15 to 20 5" or 6" pots plus 15 clip-on Orchid Stakes and 30 orchid pot-clips plus a complete instruction sheet (with drawings) for potting orchids in bark. Postpaid \$6.98

### NEW CLIP-ON ORCHID STAKES

A new Design—much neater looking and easier to use also holds the pot more firmly and gives a steadier support for the plant  
1 doz. postpaid \$2.49  
25 postpaid \$4.79  
100 postpaid \$16.95

### CLIP-ON RING STAKES

These stakes clip onto the side of the pot and give strong and steady support to the plants. Size and height of ring are adjustable—almost indispensable for potting in the new barks. Postpaid.

Ten for \$2.49  
Twenty-five for \$4.98

### NEW—ORCHID POT-CLIPS

This ingenious little gadget solves the one major nuisance in bark potting—it keeps the bottom of the plant steady until new roots are established. The pot-clip clips onto the side of the pot and a prong reaches out across the rhizome to hold the plant down firmly into the bark—we often use 2 on a plant—Get some and try them.

1 doz. postpaid \$1.25  
25 postpaid \$1.98  
100 postpaid \$6.95

### FENORCO HYDROPONIC PLANT FOOD

The best known and most widely used orchid fertilizer. Used successfully by thousands of flower growers around the world. Postpaid.

1 Pound .....\$1.75  
5 Pounds .....\$4.50  
10 Pounds .....\$7.00

### FENNELL'S AMMONIA NITRATE FOR ORCHIDS IN BARK

The best and easiest source of extra nitrogen necessary for feeding orchids planted in the new barks.

5 lbs. postpaid \$1.00  
1 lb. postpaid \$2.98  
10 lbs. postpaid \$4.98

### FENORCO PLANT SPRAY—Contains DDT

The best all around spray for most orchid insect pests.

One Pint—Postpaid \$3.50  
One Quart—Postpaid \$5.50  
One Gallon—Postpaid \$16.00

### LABELS

Stake Type—heavy, white plastic,  $\frac{1}{8}$  x 4", four on lasting—can be sawn like wood. Orchids lose tree fern and grow on it beautifully. Especially good for supporting stakes for vining types, such as Vanilla, Aerides and Vandas. Also very good for mounting the wandering and climbing types, such as Cereps, some of the Oncidiums, Maxillarias, Bulbophyllums and Colognines.

Tree fern makes an attractive block for mounting and can be cut to any size. We have it in the following sizes:—

Totem poles—all are 2"x2", in cross-section  
Length

1  
Postpaid  
1 Dozen  
Postpaid

24" long \$9.98  
30" long \$1.49  
36" long \$1.69  
48" long \$2.29

24" long \$9.98  
30" long \$1.49  
36" long \$1.69  
48" long \$2.29

### CHEAPER BY THE DOZEN SPECIAL

Take your choice of any 12 of the assorted sizes and deduct 20% from the total of the single pole price—we will ship them to you postpaid.

### WATER BREAKER

A hose nozzle especially designed for watering orchids in bark—breaks up the water

stream so that the bark does not wash out of the pots. A real time and trouble saver. Postpaid, only \$2.98

### PRESSURE SPRAYER

At last—a small, light and easy to use Pressure Sprayer especially designed for the Ladies. This small sprayer holds 2 quarts and is ideal for insecticides and fungicides. It is exceptionally well made. Not a toy or gadget, and best of all—it is inexpensive. Postpaid, only \$6.49

### NEW CORSAGE KIT

For making white, lavender and purple orchid corsages.

Includes: Complete instructions with drawings and all the supplies you need: 1 roll of white and 1 roll of lavender stem tape, 1 bundle of stem wire, 1 roll of white satin ribbon, 1 roll of two tone lavender and purple satin ribbon, 30 white and 30 lavender corsage pins, 6 aqua pins (for wearing your flower in water) and a generous supply of shredded wax paper. Also includes a generous bundle each of white and lavender chenille pipestem cleaners (to use instead of wires and ribbons in different corsages). Enough to make 50 to 60 corsages. Price Postpaid \$6.98

### FANCY CORSAGE KIT

For making all sorts of fancy orchid corsages in a variety of colors. Includes complete instructions with drawings and all the supplies you need: 1 roll each of stem tapes in white, lavender, brown, and green, 1 large bundle of stem wire, 1 roll each satin corsage ribbons in white, two-tone lavender and purple, two-tone chartreuse and brown, 72 corsage pins in assorted colors, 6 aqua-pins (for wearing your flowers in water), 3 wrist corsage bracelets, a large bundle of chenille pipestem cleaners in assorted colors (to use instead of wires and ribbons in Different corsages), 10 yards of nylon chiffon netting, and a generous supply of shredded wax paper. Enough to make 100 or more corsages. Price Postpaid \$12.98

### ORCHID GIFT CORNER

Here at the Orchid Jungle we have a tiny (but exclusive) Gift Corner. And oddly enough all of our gifts are Orchid Gifts. We have jewelry, desk sets, paperweights, atomizers, compacts, etc., all made of crystal clear lucite with purple and white orchids carved into them. We even have orchid door knobs; orchid perfume, too. If you need a gift, write for our descriptive price list of Orchid Gifts—you'll love 'em!

## FENNELL'S ORCHID-A-MONTH CLUB

Year around bloom a variety of sizes and types. Can be bought individually or in groups. If you buy them in groups of three at one time, we give you a dividend plant—if you buy all twelve selections at one time you get the four dividend plants plus an Extra Special Dividend—in other words for the price of 3, you get 4 plants and for the price of 12, you get 17 plants.

The Orchid-A-Month Club is a wonderful way to buy fine orchids at a minimum cost. (For descriptions of these plants, look them up alphabetically in the catalog.)

<b>April</b> C. Mme. Louise Pauwells pure white \$25.00	<b>May</b> Dend. Pierardii var. Latifolia lav. & yellow spray \$15.00	<b>June</b> Lc. Daisy lavender \$17.50	<b>Dividend</b> C. Gaskelliana 2-3 leads lavender \$15.00
<b>July</b> Phal. Manii yellow & red \$17.50	<b>August</b> C. Pittiana bronze \$25.00	<b>September</b> Blc. Medbar x Lc. Golden Madonna gold to bronze \$25.00	<b>Dividend</b> C. Bowringiana x Lc. Red Oak dk. lavender \$20.00
<b>October</b> Lc. Koncolor green to pink \$25.00	<b>November</b> Vanda Burgefil cream and rust \$11.98	<b>December</b> Blc. Dorothy Fennell lav \$40.00	<b>Dividend</b> Vanda Tatzert pink and brown \$25.00
<b>January</b> C. trianae alba— 2-3 leads white \$20.00	<b>February</b> D. Denisiflorum gold \$20.00	<b>March</b> Lc. Swanee River dark purple \$25.00	<b>Dividend</b> C. Warriniana copper to rose \$20.00

**EXTRA SPECIAL DIVIDEND:** If you will buy the entire group of 12 plants at one time the price is \$266.98 and we will include, in addition to the 4 regular dividend plants valued at \$80.00, an Extra Special Dividend plant of your choice of any plant in this catalog up to a value of \$40.00. In all you will receive 17 fine plants valued at \$384.98 for only \$266.98.

**This is a terrific value — actually more than 31% off on these high quality orchids!**

### Make Up Your Own Collection SAVE MONEY!

#### SELECTION A

Select any five or more plants you want. Add the amounts as shown in our catalog, deduct 10% from the total and you have the net cash price for the selection. (No collection such as the "Starter Collection" can be included in either Selection A or B).

#### SELECTION B

Select any 20 or more plants you want, add the amounts as shown in our catalog. Deduct 20% from the total and you have the net cash price for the selection. You can pay for the plants bought under either Selection A or B through our "Grow Along" Plan, if you prefer.

### ADVICE

We also conduct an information service for our customers and we are always glad to answer any questions you may have at any time — please don't hesitate to write.

### We Want You to Succeed!

Our orchids are all carefully selected, strong, healthy plants. We do not sell culls. If you want to succeed, start right with strong plants. We furnish growing instructions with all plants.

## INSTRUCTIONS FOR ORDERING

**ORDERING:** List the complete name of the plant or item. State size desired with corresponding price. Please state if you want plants delivered by some particular date — otherwise our aim is to ship all plants within one week of receiving your order.

**FOREIGN ORDERS:** Due to the extra paper work and red tape involved, we have a \$50.00 Minimum on all foreign orders except those to Canada. Please state any special requirements of your government — There will be no extra charge for our work in obtaining special inspections or licenses.

**CANADA:** We recommend shipments from May 1st to Oct. 1st only — shipments during winter months are at customer's risk.

**All Other Countries —** we recommend shipments by Air Cargo with plants packed out-of-pot to reduce weight.

**SHIPPING:** Plants are usually shipped in their pots — if your order is a large one, some saving on shipping costs can be made by shipping the plants out-of-pot. Please advise us if you wish your plants shipped out-of-pot. All prices are F. O. B. Homestead, Florida, unless otherwise stated. All shipments in U. S. A. and Canada will be shipped by Railway Express Collect unless we receive other instructions from you. **AIR EXPRESS** is somewhat faster, but is not usually worth the extra expense on shipments in this country. **PARCEL POST** is safe for plants only during warm summer months and will not be used unless specifically requested by you. We cannot guarantee safe delivery by Parcel Post. **PREPAID SHIPMENTS** can be made on your request — after plants are shipped we will bill you for the exact charges.

**PACKING:** Our methods have been carefully worked out thru years of experience and constantly earn us many compliments — because of our excellent methods we can ship our plants in perfect safety all winter. **We make no packing charges.**

**TERMS:** CASH WITH ORDER — NO C. O. D.

**DISCOUNTS:** Thruout the catalog we list many Special Collections which represent very fine discounts from the regular plant prices. Also we would like to remind you of our "Make Up Your Own Collection" plan on page 3 and our "Orchid of the Month Club" selections above.

**QUANTITY DISCOUNTS:** On large orders we also offer the following discounts:

\$100.00 to \$ 249.00 .....	10%
250.00 to 499.00 .....	15%
500.00 to 749.00 .....	20%
750.00 to 1000.00 .....	25%
over \$1000.00 .....	35%

These discounts apply only to the individually listed items in this catalog and are not applicable to the Special Collections, Special Sale Items, Selected Individual Plants of extra fine quality or to Special Quotations on individually selected plants.

**GUARANTEE:** We guarantee **SAFE DELIVERY** and complete satisfaction. If anything about your shipment is unsatisfactory we want to know about it and we will cheerfully correct it. If a shipment should arrive frozen or damaged from over-heating, or any other cause, please notify the Railway Express Company immediately and ask for an inspection. You should save all of the packing materials and box to show the inspector and have him make out the Joint Inspection Report to us as beneficiaries. Then send this report to us and we will immediately replace your plants. The Inspection Report **MUST** accompany your request for replacement as we cannot collect damages from the Express Company without it! **REMEMBER —** we don't ask you to make the claim or to do all of the work of collecting from the Express Company. All we ask is for you to obtain the Joint Inspection Report and send it to us. We replace your plants immediately and we file the claim and do all of the rest of the work collecting from the Express Company, which incidentally usually takes months. **Please help us on this so that we can serve you more quickly and better.**

All plants are offered subject to prior sale. No substitutions will be made without consulting you unless you indicate on your order that substitutions of like quality and type are permissible.

The Fennell Orchid Co. in no way guarantees the crop produced by these plants, or their future growth, as such conditions are beyond our control. In the event of a claim our liability is limited to the purchase price.

**THIS LIST CANCELS ALL PREVIOUS QUOTATIONS**



# General Growing Instructions

Simply read and carefully follow these instructions. These are general instructions that apply to most orchids. In the following catalog we have added special notes for those orchids that want different growing conditions in any way.

**1-TEMPERATURE** — The temperature you keep in your home is fine for growing orchids. They like temperatures between 55° and 85° F. No damage is done by occasional drops in temperature into the 30's for short periods of time as long as no frost settles on the leaves.

**2-SUN**—Give your orchid plants all the sun you can without burning them. During the winter months this usually means all the sun they can get.

A south window, sunny bay-window, sun porch, or sunny plant room is usually best but any window where they will get at least 3 to 4 hours of sun a day will do. If you simply do not have enough sunlight for your plants you can supplement with artificial light (see Article on p. ) but this is not usually necessary and sunlight is definitely preferable if you have it.

In the summer months, light shade during the middle of the day is advisable, but full early morning sun and full late afternoon sun is ideal. If you want to, you can hang your plants outside under a tree during the warm months of the year when the temperature is above 50° F. Be sure you pick a tree or spot where the plants will get at least 50% sunlight. The more sun you give your plants without burning them, the stronger the growth and the heavier the flowering.

If your prefer to keep your plants indoors during the summer months you may do so. Any screened window or screened porch will be fine. Give

them the sunniest spot possible and the screening will provide all the shade they need.

**3-POTTING MATERIAL** — Orchids can be grown in a wide variety of potting materials and several different ones are now in common use. *Osmunda fibre* is the best known material. It is a rough, black fibre, the roots of a swamp fern. It provides good drainage and ventilation for the roots and lasts two to three years before need of repotting. Must be potted very tightly for best growth. *Shredded bark* from fir, cedar and pine trees is fast becoming more popular due to the greater ease and speed of potting: simply pot as with soil, tamping it down firmly with the fingers. Should be repotted with fresh bark every 2-3 years.

**4-WATER**—Orchids must be watered somewhat differently than most plants. How much and how often depends on several things: 1. How dry your conditions are, 2. The size of the pot, 3. What potting material they are potted in.

No one definite rule can be made to cover all conditions. Some homes and greenhouses are drier than others. Small pots dry out more quickly than larger ones. Therefore, you must watch your plants individually and *don't try* to water them all at the same time or on the same schedule. *Water only when each plant needs it.*

Plants in *osmunda* should dry out bone dry between waterings. When you do water, water heavily, then don't water again until really dry. If the side of pot feels clammy and cool, then it is still damp inside. If it feels dusty-dry and air-temperature to the touch, then it is ready to water.

Plants in *bark* need slightly more water than those in *osmunda*. When first potted, the bark drains and dries

very quickly — will need water often. As the bark packs down it will hold water longer and after a couple of months watering will be only slightly more often than in *osmunda*. Let the bark dry out bone dry and dusty on top (down for a depth of  $\frac{1}{2}$  to  $\frac{3}{4}$  of an inch, then water again. Water thoroughly when you do water but don't let it dry out bone dry all the way through.

**5-FOOD** — All living things require food. Orchid plants cannot live indefinitely on air and water alone, so for strong growth and lovely flowers be sure to feed your plants regularly with Fenorco Plant Food. This food was developed by us for bloom and strong growth and it can be used on all your house plants, such as Philodendron, African violets, Begonias, Gardenias, Anthuriums, Amaryllis, and Christmas cactus. In fact, any plant you grow.

In *osmunda* — to feed. Take your plants to the sink or laundry tub. Mix one teaspoon of Fenorco Plant Food to a gallon of tepid water. Pour this mixture over the plant. The water will run directly through the pot and it will take approximately  $\frac{1}{2}$  gallon of water to give a plant in a 5" pot a heavy watering. Always water in the morning. To wash out any accumulation of plant food that might occur water once monthly with clear water at the regular watering time.

In *bark* feed with Fenorco as in *osmunda* on every other watering. On the alternate waterings, feed with Ammonium Nitrate (1 teaspoon to 1 gallon of water) to supply the extra nitrogen that is necessary in bark potting. Bark supplies almost no food at all and for best growth and flower production you must feed regularly and heavily, alternately with Fenorco and Ammonium Nitrate.

**6-HUMIDITY**— No expensive equipment is necessary or advisable to provide humidity for your orchid plants. Any pan large enough to hold your plants is all right. Fill the pan with tiny stones, gravel, shells, or brightly colored aquarium stones. Next fill the pan about  $\frac{3}{4}$  full of water. Place the pan in a sunny window and arrange your pots on top of the gravel or stones. Be sure the pots sit *above* the level of the water—never let the pots sit in the water. The picture on the back page of this catalog shows a group of plants set up on Pyrex cake-pans filled with gravel as described above — This is the safest and best way to supply humidity to orchids growing in your home.

**7-CLEANLINESS**—the easiest way to keep a few plants healthy and clean is to wipe them down occasionally with a wet cloth or sponge and mild soap such as Ivory. If you leave a little suds on the plants, it won't hurt them. If you have a large collection of plants use Fenorco Plant Spray.

**8-AIR**—Orchid plants like the same kind of atmosphere you do. It makes no difference what kind of heating system you have, gas, oil, coal, or radiant heat. If the air in your house is good for you to breathe, your orchid plants will like it too.

**9-VENTILATION**—If you are growing your orchids in a small closed-in area, such as a closed bay window, small greenhouse or small sun porch or plant room, you will find that the humidity builds up quickly and air conditions become quite stagnant or stuffy. A small fan (or better yet, two small fans on opposite sides of the plant area and blowing parallel to each other in opposite directions) to stir the air and cause a definite air circulation will prove of benefit to the plants and produce better growth, prettier and longer lasting flowers.

## FENNELL'S SPECIAL COLLECTIONS FOR '58

### No. 1 SEEDLING COLLECTION.

7 fine strong young seedlings in 3 inch pots of newest hybrid stock — all different crosses to give different sizes, shapes and colors and to bloom at different times around the year. Our choice. Plants 3 to 5" tall. Plus one pound of plant food. A value of \$18.50.

All for only ..... \$12.98

### No. 3 "TOM THUMB" COLLECTION.

A whole orchid collection of miniatures. These are rare and unusual plants seldom seen in cultivation, yet easy to grow and charming. Lovely additions to any collection. 9 plants in all, six of them under 6" tall, the other 3 from 6 to 10" tall; all full grown and blooming size.

One each, *Coelogyne cristata*, *Isotria medeolae*, *Lockhartia pallida*, *Mystacidium capense*, *Oncidium chierophorum*, *Onc. pusillum*, *Onc. pulchellum*, *Rodriguezia secundata*, *Schomburgkia Thompsoniana*, and *Trichopilia Powellii*. Total value of \$68.44.

All 9 plants for only ..... \$45.95

### No. 5 AFRICAN ORCHID COLLECTION.

Brand new for '58. Nowhere else in the world today can you find these RARE, NEW ORCHIDS. These orchids are different too! You can't have anything even similar to them, so don't miss this opportunity to build up your collection and SAVE MONEY, TOO! Includes one each of these new African Orchids: *Acampe pachyglora*, *Aerangis Kotschyana*, *Ansella rigiana*, *Cyrtorchis Arcuata*, and *Mystacidium capense*. A total value of \$65.50.

All 5 for only ..... \$49.95

### No. 7 "NEW HYBRIDS FOR '58" COLLECTION.

A new collection; 10 fine new hybrids that we think promise "the most" for '58. These are large, strong seedlings in 3 and 4" pots to bloom within the next year. A well balanced group to give white, yellow, green, bronze, pink, red lavender and purple — mostly of exhibition stock but with 3 novelty types for variety. An outstanding group at an outstanding savings to you:

Includes *Be. Daffodil* x *Le. Autumn Yellow*, *Blc. Medbar* x *Le. Madonna*, *C. Bob Bette* x *C. St. Petersburg*, *C. Whitlock Fennell* x *Le. Louisa*, *L. tenebrosa* x *C. guttata Leopoldi*, *(C. Prince John* x *L. tenebrosa*) x *Le. Autumn Yellow*, *Le. Max Palm* x *Le. Derryenne*, *L. Kencolor*, *L. Madonna Aurora*, and *Sic. Copper Gleam* x *Sic. Langleyensis*. Total value of \$129.50.

All 10 fine seedlings for only ..... \$99.95

### No. 9 AROUND-THE-WORLD ORCHID COLLECTION. FENNELL'S 70TH ANNIVERSARY SPECIAL.

A fine collection of orchids from around the world, including examples from every tropical region of the globe, carefully chosen to represent the more interesting and finer types from each region. These are rare and distinctive orchids that will be easy to grow and add quality as well as an international flavor to your collection. Take advantage of the LOW collection price for the romance and mystery of far off tropical hideaways into your own home or greenhouse.

All these 18 plants from Around-the-World at the special collection price of  
only .....

\$169.50

### FENNELL "GROW ALONG" PLAN

This plan is the same as a "Lay-Along Plan," except the orchid plants are growing and increasing in value as you make your payments.

Order your plants and send \$10.00 or more to hold them.

Orders up to and including \$12.50 may be

paid for at \$1.00 per week. (or more if you prefer).

Orders from \$12.50 through \$25.00 may be paid for at \$2.00 per week. (or more if you prefer).

Orders of \$25.00 and up may be paid for at \$5.00 per week. (or more if you prefer).

### No. 2 STARTER COLLECTION.

This has been our most popular collection for many years, so we are offering it again in '58. It is a wonderful buy, including 3 mature plants of the regular lavender corsage-type Cattleyas (one in sheath or bud to bloom soon after you receive it, and two others to bloom at other seasons of the year), and 2 fine hybrid seedlings to bloom within 18 months to 3 years. Plus one pound of Fennell Plant Food and 1 copy of our fine new book "Orchids for Home and Garden". Adds up to a total value of \$59.95, and we offer it to you

For only ..... \$27.95

### No. 4 NEW SPRAY AND CLUSTER ORCHID COLLECTION.

A new version of this popular collection for '58. A wonderful way to add more variety to your orchid collection at a new low price. These are showy orchids that bloom with lots of flowers, all different colors, sizes and shapes, at different seasons, on long sprays or in heavy clusters.

Nine strong, blooming size plants: one each of *Bletia purpurea*, *Brassia maculata*, *Brassavola nodosa*, *Cattleya Skinneri autumnalis*, *Epidendrum alatum*, *Epil. Indian Chief* (3 to 5 canes), *Oncidium stipitatum*, *Rodriguezia secundata* and *Vanda Gilbert Triboulet*. Total value, \$62.98.

All 9 plants for only ..... \$49.95

### No. 6 UNUSUAL AND RARE CATTLEYA COLLECTION.

Nine really rare and unusual cattleyas, all raised from seed to produce different and unusual shapes and colors. All are cluster types. Flowers range from 4 to 8" and will produce from 3 to 15 canes on a stem. For the connoisseur's collection. 7 are fully mature, 2 are seedlings to bloom in 12 to 18 months.

Includes one each of: *Be. Daffodil* x *Le. Autumn Yellow* (yellow seedling), *C. Lodgesii*, *C. Maxima*, *C. Pittiana*, *C. Wavriniana*, *C. Maxima* x *C. Luedemanniana* (seedling), *L. Anceps* x *Blc. Dorothy Fennell*, *L. tenebrosa* x *C. guttata Leopoldi*, and our choice of a fine *C. Bowringiana* hybrid. Total value of \$120.50.

All 9 plants for only ..... \$89.95

### No. 8 "CONVERSATION PIECE" COLLECTION.

Eight Wierd and Wonderful Orchid Oddities to add spice to your collection. Each is unusual and sure to provide much interest and exotic flavor. Carefully chosen for their uniqueness in the orchid world.

Includes: *Aerangis Kotschyana*, *Aerides odoratum*, *Catasetum viridiflavum*, *Epidendrum atropurpureum*, *Gouania maculata*, *Peristeria elata*, *Schomburgkia thibetica*, *Stanhopea Wardii* and *Vanilla planifolia*. Total value \$84.00.

All 8 for only ..... \$59.95

Includes one each: *Acampe pachyglora* — Zululand, *Aerangis Kotschyana* — Tongoland (Africa), *Aerides odoratum* — China, *Agrostis Sesquipedale* — Madagascar, *Aspidistra* — Kenya, *Aspidistra* — Panama, *Cattleya Amethystoglossa* (seedling) — Brazil, *Cattleya Maxima* — Ecuador, *Cattleya Skinneri autumnalis* — Central America, *Dendrobium Denisonium* — India, *Dendrobium Phalaenopsis* — Australia, *Epidendrum alatum* — British Honduras, *Haemaria discolor* — Malaya, *Odontoglossum Citrosom* — Mexico, *Phalaenopsis Luedemanniana* — Philippines, *Renanthra coccinea* Coch — China, *Schomburgkia Lyonsii* — Jamaica and *Vanda Sanderiana* — Philippines. Total value \$221.50.

CANADIANS write to your Canadian Department of Agriculture, Ottawa, and request that they send you an import permit. You will be sent a permit number and an address sticker. Send the address sticker to us with your order. We advise shipment to Canadian points only between May 1 and October 15.



## "POT-EM YOURSELF" AND SAVE MONEY!

During our '57 summer sale, we found that many of our customers would much prefer to buy plants bare root and pot them themselves, if they could save money in the process. Therefore, we are starting a regular department in this 1958 catalog for those of you who would like to SAVE MONEY in this way.

If you would like to "Pot-'em Yourself", you can order almost any mature plant in the catalog and we will send you a strong, blooming size front division of at least 3 mature bulbs with all of the necessary potting materials including bark, pot-clips and a clip-on stake (everything necessary but the pot) POSTPAID to you for a saving of 20% off of the regular catalog price.

If you order 12 or more "Pot-'em Yourself" orchids at one time, you may deduct 30% from the regular catalog prices. You save not only on the plant price but also on shipping costs, which is a considerable expense, so "POT-'EM YOURSELF" and SAVE!



Starter Collection page 18

Continued from page 3

tough and claims are that it will outlast all other plastic with hopes for 10 year durability. This new material is AMEREX U-V—we have just received samples of this and have not had a chance to test it as yet.

Besides the lower price, there are many other advantages in the use of these plastics for greenhouse construction. They are much easier to work with than glass and they do not need the special and expensive sash bars and other standard items of greenhouse construction. These plastics can be cut with knife or scissors and tacked or stapled to the framework. They are much easier to work with in unusual shapes and designs so that the design and shape of your greenhouse can be much more easily made to fit into your own conditions or to conform to your own sense of beauty and design. Actually this advantage is outstanding as the shape and design of your greenhouse is limited only by your imagination and building ingenuity. Thus your plant house can be a thing of beauty and a true addition to its surroundings, rather than a standardized commercial greenhouse built of glass.

Another great advantage of these plastics is that they can easily and cheaply be used for double glazing which gives much better insulation and makes your greenhouse easier to heat and less subject to damage from extremes of cold or heat. Many owners of glass greenhouses are now double glazing with plastic inside on the lower side of sash bars and claim great savings in fuel bills as well as more steadily maintained temperature control. A two inch space between inside and outside coverings is recommended as the best spacing for optimum insulation.

Plastic sheeting is like cloth to work with and as its weight is almost negligible, it needs only a light frame to support it. Any home handy man can build a suitable



greenhouse or plant room, using these materials. The most inexpensive woods can be used for construction, but they should be well treated with a wood preservative to protect against rot. For the sake of appearance, it is also best to stain the wood an even and attractive color as well.

For additional information and details of construction, send 25c for our Information Sheet on Do-It-Yourself Plastic Greenhouses, which includes a price list for some of the supplies available from us.

Since only a portion of our plants need repotting at any one time, please indicate a second choice on all "Pot-'em Yourself" orders, so that we can substitute in case your 1st choice plants are not available in the proper stage at that particular time. If you prefer us to do so, we will substitute other plants of the same general flower type and value for you in case your first choice is not available but we will not do so unless you instruct us to make the 2nd choice for you.

**IMPORTANT:** Please note that, due to their cultural requirements and methods of growth, this "Pot-'em Yourself" Plan is not available on the following types of orchids: Angraecums, Catasetums, Dendrobiums, Hamerrias, Phalaenopsis, Renantheras, Renantheras, Vandas or any of the African plants.

### "POT-'EM YOURSELF" SPECIAL

#### Collection #1

3-bulb front divisions of 4 Cattleyas — 1 lavender — 1 pure white — 1 dark lavender-purple and 1 cluster type plus 1 unusual botanical — our choice plus bark, stakes and pot-clips — everything you need to pot 'em yourself except the pot — a total value of \$46.80 — all 5 divisions and supplies sent Postpaid to you for only .....\$29.95

#### Collection #2

A double order of Collection #1 — all different plants — correctly labelled — plus supplies — a total value of \$93.60 — 10 plants — Postpaid to you for only .....\$54.95

◀ Lc. Wilmosa page 11

Dendrobium Densiflorum page 9



# YOU CAN GROW ORCHIDS!

COMPLETE GROWING INSTRUCTIONS ON PAGE 17

## ORCHIDS FOR GIFTS

### The Perfect Gift For Everyone For Every Occasion

No other gift can say so much — so well! Send an orchid to bloom for that special occasion to give, time after time, to remind the lucky recipient of you and your gift. What more perfect and precious gift could you possibly send!

*(Complete growing instructions free with every gift plant.)*



### BOTANICAL ORCHIDS

#### LEFT

EPIDENDRUM  
ATRO-PURPUREUM

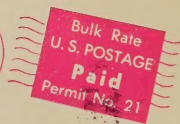
#### CENTER

BRASSIA  
GIREOUDEANA

#### RIGHT

EPIDENDRUM  
ALATUM

Fennell Orchid Company  
Orchid Jungle  
HOMESTEAD, FLORIDA



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